

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007665.D
 Acq On : 01 Mar 2022 14:03
 Operator : SY/MD
 Sample : VY0301SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 07:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	386666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	602520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	531814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	265540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	186702	46.122	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.240%		
35) Dibromofluoromethane	7.716	113	185176	48.071	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.140%		
50) Toluene-d8	10.179	98	668731	47.161	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.320%		
62) 4-Bromofluorobenzene	12.477	95	212411	46.472	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63600	23.069	ug/l	96
3) Chloromethane	2.113	50	98176	21.043	ug/l	95
4) Vinyl Chloride	2.253	62	124528	21.467	ug/l	97
5) Bromomethane	2.644	94	113581	24.227	ug/l	95
6) Chloroethane	2.790	64	91818	20.640	ug/l	97
7) Trichlorofluoromethane	3.125	101	140369	21.179	ug/l	92
8) Diethyl Ether	3.528	74	42925	20.128	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.899	101	84532	20.894	ug/l	96
10) Methyl Iodide	4.088	142	109650	22.276	ug/l	93
11) Tert butyl alcohol	4.954	59	36027	102.795	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	75840	21.122	ug/l	93
13) Acrolein	3.729	56	40278	115.608	ug/l	99
14) Allyl chloride	4.479	41	107572	19.918	ug/l #	87
15) Acrylonitrile	5.161	53	112359	99.813	ug/l	97
16) Acetone	3.948	43	78814	95.708	ug/l	91
17) Carbon Disulfide	4.192	76	208394	21.942	ug/l	100
18) Methyl Acetate	4.479	43	53660	18.751	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	219957	19.737	ug/l	98
20) Methylene Chloride	4.710	84	92752	20.933	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	86365	20.614	ug/l	81
22) Diisopropyl ether	6.112	45	257323	19.944	ug/l	95
23) Vinyl Acetate	6.064	43	812106	99.534	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	156298	20.049	ug/l	100
25) 2-Butanone	6.984	43	135773	98.285	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	144622	20.846	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	98846	20.120	ug/l	90
28) Bromochloromethane	7.332	49	61559	18.568	ug/l	86
29) Tetrahydrofuran	7.344	42	93274	98.680	ug/l #	84
30) Chloroform	7.508	83	163749	20.275	ug/l	98
31) Cyclohexane	7.783	56	144013	20.779	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	149918	20.857	ug/l	97
36) 1,1-Dichloropropene	7.917	75	125008	20.629	ug/l	98
37) Ethyl Acetate	7.076	43	65114	19.455	ug/l	97
38) Carbon Tetrachloride	7.899	117	135604	20.978	ug/l	98
39) Methylcyclohexane	9.185	83	158035	21.220	ug/l #	88
40) Benzene	8.161	78	345801	20.505	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007665.D
 Acq On : 01 Mar 2022 14:03
 Operator : SY/MD
 Sample : VY0301SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 07:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	30873m	19.303	ug/l	
42) 1,2-Dichloroethane	8.240	62	108260	20.573	ug/l	94
43) Isopropyl Acetate	8.271	43	124092	20.049	ug/l #	92
44) Trichloroethene	8.941	130	97556	20.829	ug/l	99
45) 1,2-Dichloropropane	9.216	63	89861	20.605	ug/l	96
46) Dibromomethane	9.307	93	52153	19.922	ug/l	97
47) Bromodichloromethane	9.496	83	123237	20.071	ug/l	99
48) Methyl methacrylate	9.295	41	53041	19.770	ug/l #	85
49) 1,4-Dioxane	9.301	88	13277	420.099	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	324164	97.881	ug/l	90
52) Toluene	10.240	92	221224	20.288	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	125793	19.954	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	143883	20.658	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	72981	20.492	ug/l	97
56) Ethyl methacrylate	10.508	69	91729	19.400	ug/l	85
57) 1,3-Dichloropropane	10.788	76	121055	20.101	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	241702	93.733	ug/l	97
59) 2-Hexanone	10.831	43	223265	100.107	ug/l	88
60) Dibromochloromethane	10.983	129	85331	20.122	ug/l	98
61) 1,2-Dibromoethane	11.087	107	69524	20.481	ug/l	100
64) Tetrachloroethene	10.721	164	83221	21.111	ug/l	97
65) Chlorobenzene	11.514	112	240078	20.721	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	91347	21.083	ug/l	97
67) Ethyl Benzene	11.593	91	433808	20.762	ug/l	100
68) m/p-Xylenes	11.703	106	333140	41.553	ug/l	94
69) o-Xylene	12.026	106	156935	20.657	ug/l	93
70) Styrene	12.044	104	258261	20.302	ug/l	95
71) Bromoform	12.203	173	53431	19.805	ug/l #	98
73) Isopropylbenzene	12.331	105	430509	20.811	ug/l	99
74) N-amyl acetate	12.142	43	106524	19.344	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	86115	19.848	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	62781m	21.171	ug/l	
77) Bromobenzene	12.605	156	96829	20.321	ug/l	93
78) n-propylbenzene	12.672	91	516963	20.710	ug/l	100
79) 2-Chlorotoluene	12.751	91	274866	20.577	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	339940	20.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	27561	19.000	ug/l	92
82) 4-Chlorotoluene	12.855	91	285113	20.751	ug/l	95
83) tert-Butylbenzene	13.075	119	314974	20.701	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	336115	20.629	ug/l	98
85) sec-Butylbenzene	13.251	105	464707	20.647	ug/l	100
86) p-Isopropyltoluene	13.367	119	383789	20.645	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	194724	20.536	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	194020	20.732	ug/l	99
89) n-Butylbenzene	13.696	91	368334	20.964	ug/l	99
90) Hexachloroethane	13.959	117	73504	20.860	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	172621	20.503	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12741	19.390	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	112389	21.085	ug/l	99
94) Hexachlorobutadiene	15.111	225	66601	21.133	ug/l	98
95) Naphthalene	15.233	128	222105	20.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	100288	21.111	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
Data File : VY007665.D
Acq On : 01 Mar 2022 14:03
Operator : SY/MD
Sample : VY0301SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/02/2022
Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 07:50:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

