

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010236.D
 Acq On : 31 Aug 2022 11:35
 Operator : KP/MD
 Sample : VY0831SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Aug 31 14:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	194398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82523	50.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.960%			
35) Dibromofluoromethane	7.710	113	80303	50.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.179	98	302680	50.994	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.477	95	105083	47.223	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32734	23.090	ug/l	93
3) Chloromethane	2.107	50	32214	22.315	ug/l	96
4) Vinyl Chloride	2.241	62	35759	22.045	ug/l	100
5) Bromomethane	2.637	94	26574	20.197	ug/l	96
6) Chloroethane	2.784	64	22100	20.076	ug/l	98
7) Trichlorofluoromethane	3.113	101	64724	21.284	ug/l	95
8) Diethyl Ether	3.521	74	20810	21.023	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	37720	21.834	ug/l	90
10) Methyl Iodide	4.082	142	49246	21.111	ug/l	90
11) Tert butyl alcohol	4.948	59	17809	108.752	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	35977	20.718	ug/l #	79
13) Acrolein	3.723	56	19888	92.642	ug/l	98
14) Allyl chloride	4.466	41	47420	20.005	ug/l #	92
15) Acrylonitrile	5.155	53	46028	101.777	ug/l	99
16) Acetone	3.936	43	37382	108.624	ug/l #	86
17) Carbon Disulfide	4.180	76	108498	20.765	ug/l	99
18) Methyl Acetate	4.472	43	22347	19.747	ug/l #	83
19) Methyl tert-butyl Ether	5.204	73	91643	20.344	ug/l	93
20) Methylene Chloride	4.698	84	40082	19.780	ug/l #	76
21) trans-1,2-Dichloroethene	5.210	96	39252	20.577	ug/l #	83
22) Diisopropyl ether	6.112	45	93943	19.689	ug/l #	90
23) Vinyl Acetate	6.051	43	300388	98.338	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	59542	19.920	ug/l	94
25) 2-Butanone	6.978	43	55078	92.927	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	59536	21.286	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	43366	19.999	ug/l	82
28) Bromochloromethane	7.326	49	14539	15.775	ug/l #	54
29) Tetrahydrofuran	7.344	42	36729	93.848	ug/l #	80
30) Chloroform	7.502	83	67477	19.935	ug/l	98
31) Cyclohexane	7.777	56	56338	19.268	ug/l #	85
32) 1,1,1-Trichloroethane	7.691	97	64449	20.771	ug/l	94
36) 1,1-Dichloropropene	7.911	75	49988	20.522	ug/l	93
37) Ethyl Acetate	7.070	43	25077	19.533	ug/l #	92
38) Carbon Tetrachloride	7.893	117	62116	22.225	ug/l	95
39) Methylcyclohexane	9.179	83	62328	19.969	ug/l	88
40) Benzene	8.155	78	146727	20.399	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010236.D
 Acq On : 31 Aug 2022 11:35
 Operator : KP/MD
 Sample : VY0831SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Aug 31 14:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	12847m	17.713	ug/l	
42) 1,2-Dichloroethane	8.234	62	43927	20.661	ug/l	94
43) Isopropyl Acetate	8.271	43	45279	18.422	ug/l #	86
44) Trichloroethene	8.935	130	46085	20.763	ug/l	93
45) 1,2-Dichloropropane	9.209	63	32481	18.686	ug/l	95
46) Dibromomethane	9.301	93	21436	19.987	ug/l	88
47) Bromodichloromethane	9.490	83	49509	19.939	ug/l #	99
48) Methyl methacrylate	9.289	41	20499	18.725	ug/l #	82
49) 1,4-Dioxane	9.295	88	4922	423.280	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	119742	91.409	ug/l	89
52) Toluene	10.240	92	94910	20.221	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	50552	18.575	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	56854	19.451	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	30113	18.428	ug/l	91
56) Ethyl methacrylate	10.508	69	38104	17.930	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	47711	17.709	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	74107	125.714	ug/l #	87
59) 2-Hexanone	10.831	43	83602	83.638	ug/l	87
60) Dibromochloromethane	10.983	129	40315	19.692	ug/l	96
61) 1,2-Dibromoethane	11.087	107	29892	18.547	ug/l	98
64) Tetrachloroethene	10.715	164	45812	21.332	ug/l	97
65) Chlorobenzene	11.514	112	104915	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	40603	20.984	ug/l	100
67) Ethyl Benzene	11.593	91	179397	20.510	ug/l	94
68) m/p-Xylenes	11.703	106	146243	41.916	ug/l	92
69) o-Xylene	12.026	106	69020	21.257	ug/l	92
70) Styrene	12.044	104	117071	21.505	ug/l	95
71) Bromoform	12.203	173	27664	21.628	ug/l #	99
73) Isopropylbenzene	12.331	105	183727	20.710	ug/l	98
74) N-amyl acetate	12.142	43	38536	16.686	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	33026	18.364	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	25469m	19.740	ug/l	
77) Bromobenzene	12.605	156	49065	21.642	ug/l	82
78) n-propylbenzene	12.672	91	214427	20.379	ug/l	95
79) 2-Chlorotoluene	12.758	91	123478	20.343	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	160713	21.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11263	18.212	ug/l	88
82) 4-Chlorotoluene	12.855	91	128653	20.204	ug/l	95
83) tert-Butylbenzene	13.075	119	137612	20.648	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	157676	21.304	ug/l	98
85) sec-Butylbenzene	13.251	105	200761	20.479	ug/l	97
86) p-Isopropyltoluene	13.367	119	172853	21.274	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	92935	20.742	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93060	20.615	ug/l	99
89) n-Butylbenzene	13.696	91	147335	19.587	ug/l	97
90) Hexachloroethane	13.959	117	37958	23.186	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	83411	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7447	23.821	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	58255	21.910	ug/l	99
94) Hexachlorobutadiene	15.111	225	36455	23.148	ug/l	97
95) Naphthalene	15.233	128	109953	20.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51093	21.657	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
Data File : VY010236.D
Acq On : 31 Aug 2022 11:35
Operator : KP/MD
Sample : VY0831SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/01/2022
Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Aug 31 14:45:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 02:23:17 2022
Response via : Initial Calibration

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

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

