

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006207.D
 Acq On : 29 Sep 2021 13:00
 Operator : SY/MD
 Sample : VY0929SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:19:20 PM

Quant Time: Sep 30 06:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	188787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	265770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96549	47.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.560%
35) Dibromofluoromethane	7.728	113	73120	47.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.185	98	305884	47.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.483	95	105189	48.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38657	20.187	ug/l	98
3) Chloromethane	2.119	50	43556	19.528	ug/l	95
4) Vinyl Chloride	2.259	62	51587	20.869	ug/l	99
5) Bromomethane	2.650	94	34808	21.667	ug/l	95
6) Chloroethane	2.796	64	30295	20.829	ug/l	99
7) Trichlorofluoromethane	3.131	101	67493	20.729	ug/l	92
8) Diethyl Ether	3.540	74	22478	20.901	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	35518	20.434	ug/l	97
10) Methyl Iodide	4.107	142	34057	17.979	ug/l	94
11) Tert butyl alcohol	4.966	59	18345	103.791	ug/l	96
12) 1,1-Dichloroethene	3.881	96	35321	19.976	ug/l	97
13) Acrolein	3.735	56	7825	76.327	ug/l	98
14) Allyl chloride	4.491	41	71129	20.918	ug/l	95
15) Acrylonitrile	5.174	53	59159	104.587	ug/l	100
16) Acetone	3.954	43	55258	97.915	ug/l	93
17) Carbon Disulfide	4.204	76	121503	20.546	ug/l	98
18) Methyl Acetate	4.485	43	40987	21.538	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	106017	20.532	ug/l	93
20) Methylene Chloride	4.729	84	41518	19.022	ug/l	94
21) trans-1,2-Dichloroethene	5.235	96	39146	19.969	ug/l	93
22) Diisopropyl ether	6.131	45	138997	20.662	ug/l	95
23) Vinyl Acetate	6.070	43	410879	101.900	ug/l	98
24) 1,1-Dichloroethane	6.027	63	72783	20.154	ug/l	99
25) 2-Butanone	6.996	43	80848	102.844	ug/l	94
26) 2,2-Dichloropropane	6.990	77	66156	20.032	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	43874	19.984	ug/l	96
28) Bromochloromethane	7.344	49	30942	20.577	ug/l	99
29) Tetrahydrofuran	7.356	42	52645	106.021	ug/l	99
30) Chloroform	7.515	83	72647	20.165	ug/l	98
31) Cyclohexane	7.795	56	76618	20.015	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	68199	20.502	ug/l	98
36) 1,1-Dichloropropene	7.929	75	58133	20.393	ug/l	100
37) Ethyl Acetate	7.082	43	35240	21.220	ug/l	99
38) Carbon Tetrachloride	7.905	117	60169	19.989	ug/l	99
39) Methylcyclohexane	9.191	83	72329	20.200	ug/l	99
40) Benzene	8.167	78	164894	20.388	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006207.D
 Acq On : 29 Sep 2021 13:00
 Operator : SY/MD
 Sample : VY0929SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:19:20 PM

Quant Time: Sep 30 06:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	17169m	15.938	ug/l	
42) 1,2-Dichloroethane	8.246	62	54376	20.867	ug/l	97
43) Isopropyl Acetate	8.277	43	66665	20.930	ug/l	97
44) Trichloroethene	8.947	130	43156	20.661	ug/l	99
45) 1,2-Dichloropropane	9.222	63	40990	20.587	ug/l	93
46) Dibromomethane	9.313	93	21847	20.607	ug/l	98
47) Bromodichloromethane	9.502	83	55921	20.486	ug/l	94
48) Methyl methacrylate	9.295	41	31258	20.456	ug/l	94
49) 1,4-Dioxane	9.307	88	5600	404.854	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	176128	106.497	ug/l	98
52) Toluene	10.246	92	102449	20.422	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	60707	20.396	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	67078	20.501	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	30925	20.730	ug/l	98
56) Ethyl methacrylate	10.514	69	46554	20.531	ug/l	94
57) 1,3-Dichloropropane	10.794	76	55523	20.569	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	117063	105.369	ug/l	100
59) 2-Hexanone	10.837	43	124688	105.856	ug/l	95
60) Dibromochloromethane	10.990	129	36953	20.389	ug/l	100
61) 1,2-Dibromoethane	11.093	107	28510	20.185	ug/l	99
64) Tetrachloroethene	10.721	164	47669	22.271	ug/l	97
65) Chlorobenzene	11.520	112	106082	20.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	38317	19.745	ug/l	98
67) Ethyl Benzene	11.593	91	197324	19.880	ug/l	99
68) m/p-Xylenes	11.703	106	152197	40.406	ug/l	98
69) o-Xylene	12.032	106	73446	20.646	ug/l	94
70) Styrene	12.044	104	122160	20.221	ug/l	99
71) Bromoform	12.209	173	24153	20.014	ug/l #	98
73) Isopropylbenzene	12.331	105	192475	19.941	ug/l	99
74) N-amyl acetate	12.148	43	61995	20.693	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	33177	19.032	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	26562m	20.281	ug/l	
77) Bromobenzene	12.611	156	45075	19.917	ug/l	97
78) n-propylbenzene	12.672	91	237621	19.999	ug/l	99
79) 2-Chlorotoluene	12.758	91	130603	19.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	162528	20.137	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12803	19.210	ug/l	98
82) 4-Chlorotoluene	12.855	91	136431	20.063	ug/l	100
83) tert-Butylbenzene	13.075	119	141661	20.530	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	162120	20.342	ug/l	99
85) sec-Butylbenzene	13.257	105	209727	20.112	ug/l	99
86) p-Isopropyltoluene	13.373	119	178266	20.259	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	90287	20.137	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	89330	20.206	ug/l	99
89) n-Butylbenzene	13.696	91	168340	20.133	ug/l	99
90) Hexachloroethane	13.965	117	31188	19.517	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	79177	20.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6556	19.741	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	53301	20.573	ug/l	100
94) Hexachlorobutadiene	15.111	225	33721	19.951	ug/l	98
95) Naphthalene	15.239	128	103739	20.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46856	20.405	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
Data File : VY006207.D
Acq On : 29 Sep 2021 13:00
Operator : SY/MD
Sample : VY0929SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBSD01

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:19:20 PM

Quant Time: Sep 30 06:59:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

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

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

