

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019738.D
 Acq On : 01 Oct 2024 13:56
 Operator : SY/MD
 Sample : VY1001SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBS01

Quant Time: Oct 01 17:08:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	371786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	636453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	520689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	244421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165925	48.197	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	96.400%	
35) Dibromofluoromethane	7.634	113	168913	46.809	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	93.620%	
50) Toluene-d8	10.103	98	618366	46.329	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	92.660%	
62) 4-Bromofluorobenzene	12.401	95	224639	43.771	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	87.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	45771	20.073	ug/l	100
3) Chloromethane	2.074	50	51645	16.790	ug/l	96
4) Vinyl Chloride	2.208	62	61544	18.503	ug/l	99
5) Bromomethane	2.598	94	41748	20.434	ug/l	98
6) Chloroethane	2.738	64	44276	20.363	ug/l	92
7) Trichlorofluoromethane	3.062	101	108968	19.653	ug/l	95
8) Diethyl Ether	3.458	74	34672	18.629	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.818	101	68222	19.890	ug/l	96
10) Methyl Iodide	4.007	142	64860	14.749	ug/l	91
11) Tert butyl alcohol	4.872	59	40234	144.715	ug/l	# 84
12) 1,1-Dichloroethene	3.787	96	58993	17.884	ug/l	87
13) Acrolein	3.653	56	12608	84.727	ug/l	96
14) Allyl chloride	4.384	41	108220	18.295	ug/l	# 92
15) Acrylonitrile	5.061	53	78497	97.817	ug/l	98
16) Acetone	3.866	43	107264	130.784	ug/l	# 83
17) Carbon Disulfide	4.110	76	113973	12.788	ug/l	96
18) Methyl Acetate	4.391	43	38277	17.197	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	184664	19.766	ug/l	98
20) Methylene Chloride	4.622	84	77615	20.751	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	64467	17.831	ug/l	91
22) Diisopropyl ether	6.018	45	248859	20.487	ug/l	92
23) Vinyl Acetate	5.963	43	673059	97.006	ug/l	94
24) 1,1-Dichloroethane	5.915	63	138487	20.317	ug/l	96
25) 2-Butanone	6.890	43	135624	116.268	ug/l	# 85
26) 2,2-Dichloropropane	6.884	77	136118	22.138	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	86077	19.599	ug/l	85
28) Bromochloromethane	7.244	49	52519	18.312	ug/l	82
29) Tetrahydrofuran	7.262	42	67299	94.889	ug/l	# 85
30) Chloroform	7.421	83	148217	21.301	ug/l	98
31) Cyclohexane	7.701	56	104377	16.941	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	126569	20.293	ug/l	95
36) 1,1-Dichloropropene	7.835	75	91419	18.618	ug/l	97
37) Ethyl Acetate	6.982	43	48147	19.137	ug/l	97
38) Carbon Tetrachloride	7.817	117	108002	19.505	ug/l	98
39) Methylcyclohexane	9.109	83	110477	16.907	ug/l	91
40) Benzene	8.079	78	284993	18.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	25098	17.114	ug/l	93
42) 1,2-Dichloroethane	8.158	62	91417	22.463	ug/l	94
43) Isopropyl Acetate	8.195	43	100703	19.052	ug/l	98
44) Trichloroethene	8.865	130	72868	18.734	ug/l	98
45) 1,2-Dichloropropane	9.140	63	75940	20.539	ug/l	99
46) Dibromomethane	9.225	93	38023	18.805	ug/l	95
47) Bromodichloromethane	9.420	83	111388	20.494	ug/l	96
48) Methyl methacrylate	9.219	41	44142	17.685	ug/l	83
49) 1,4-Dioxane	9.231	88	8903	374.038	ug/l #	75
51) 4-Methyl-2-Pentanone	9.993	43	254605	95.746	ug/l	92
52) Toluene	10.170	92	187365	19.263	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	103001	19.880	ug/l #	35
54) cis-1,3-Dichloropropene	9.853	75	120003	19.891	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	57304	20.523	ug/l	98
56) Ethyl methacrylate	10.438	69	78209	18.439	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	95516	19.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	167496	85.083	ug/l	97
59) 2-Hexanone	10.755	43	201413	103.314	ug/l	89
60) Dibromochloromethane	10.908	129	73941	20.019	ug/l	99
61) 1,2-Dibromoethane	11.011	107	48171	18.516	ug/l	90
64) Tetrachloroethene	10.646	164	62421	19.359	ug/l	91
65) Chlorobenzene	11.438	112	205459	20.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	75990	21.428	ug/l	99
67) Ethyl Benzene	11.517	91	381308	20.952	ug/l	98
68) m/p-Xylenes	11.627	106	275975	40.105	ug/l	92
69) o-Xylene	11.950	106	136325m	20.257	ug/l	
70) Styrene	11.968	104	237521	20.904	ug/l #	87
71) Bromoform	12.127	173	40599	20.044	ug/l #	99
73) Isopropylbenzene	12.243	105	804363	45.362	ug/l #	72
74) N-ethyl acetate	12.066	43	92101	19.098	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	65783	20.901	ug/l	67
76) 1,2,3-Trichloropropane	12.554	75	41524m	18.125	ug/l	
77) Bromobenzene	12.529	156	78247	19.897	ug/l	89
78) n-propylbenzene	12.590	91	441538	21.008	ug/l	99
79) 2-Chlorotoluene	12.676	91	250672	20.466	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	296862	20.593	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	20151	16.886	ug/l #	82
82) 4-Chlorotoluene	12.773	91	257593	20.457	ug/l	95
83) tert-Butylbenzene	12.993	119	273288	20.941	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	294926	20.669	ug/l	96
85) sec-Butylbenzene	13.169	105	402782	21.246	ug/l	99
86) p-Isopropyltoluene	13.285	119	322142	20.769	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	156680	20.503	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	155850	20.550	ug/l	95
89) n-Butylbenzene	13.615	91	309184	20.851	ug/l	98
90) Hexachloroethane	13.877	117	68587	21.252	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	138548	20.317	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12213	23.283	ug/l	65
93) 1,2,4-Trichlorobenzene	14.913	180	78636	18.960	ug/l	96
94) Hexachlorobutadiene	15.017	225	45926	20.728	ug/l	98
95) Naphthalene	15.139	128	146777	17.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65538	18.474	ug/l	98

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

