

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019753.D
 Acq On : 01 Oct 2024 19:54
 Operator : SY/MD
 Sample : VY1001SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBS01

Quant Time: Oct 02 03:20:04 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	289091	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	501880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	203065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151924	56.753	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	113.500%	
35) Dibromofluoromethane	7.634	113	148570	52.211	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	104.420%	
50) Toluene-d8	10.103	98	530413	50.395	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.800%	
62) 4-Bromofluorobenzene	12.402	95	200498	49.543	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	99.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	36435	20.655	ug/l	99
3) Chloromethane	2.068	50	45727	19.118	ug/l	97
4) Vinyl Chloride	2.202	62	52677	20.367	ug/l	96
5) Bromomethane	2.592	94	37212	23.424	ug/l	93
6) Chloroethane	2.733	64	37778	22.344	ug/l	98
7) Trichlorofluoromethane	3.056	101	91495	21.222	ug/l	99
8) Diethyl Ether	3.458	74	29159	20.149	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.812	101	57590	21.594	ug/l	95
10) Methyl Iodide	4.007	142	51076	14.937	ug/l	92
11) Tert butyl alcohol	4.872	59	34492	159.550	ug/l #	83
12) 1,1-Dichloroethene	3.787	96	47658	18.581	ug/l	89
13) Acrolein	3.659	56	10635	93.200	ug/l	97
14) Allyl chloride	4.385	41	87630	19.052	ug/l #	93
15) Acrylonitrile	5.067	53	74146	118.824	ug/l	99
16) Acetone	3.879	43	75263	118.016	ug/l #	87
17) Carbon Disulfide	4.104	76	92835	13.396	ug/l	97
18) Methyl Acetate	4.397	43	36625	21.162	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	163299	22.480	ug/l	95
20) Methylene Chloride	4.616	84	67793	23.309	ug/l #	84
21) trans-1,2-Dichloroethene	5.116	96	52908	18.820	ug/l	89
22) Diisopropyl ether	6.025	45	212357	22.483	ug/l	93
23) Vinyl Acetate	5.964	43	600123	111.235	ug/l #	93
24) 1,1-Dichloroethane	5.921	63	116443	21.970	ug/l	98
25) 2-Butanone	6.896	43	111850	123.316	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	104976	21.957	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	73142	21.418	ug/l	87
28) Bromochloromethane	7.250	49	49296	22.105	ug/l #	80
29) Tetrahydrofuran	7.268	42	63163	114.533	ug/l #	84
30) Chloroform	7.421	83	124084	22.933	ug/l	97
31) Cyclohexane	7.701	56	87054	18.171	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	105844	21.825	ug/l	96
36) 1,1-Dichloropropene	7.835	75	76705	19.810	ug/l	96
37) Ethyl Acetate	6.988	43	44785	22.574	ug/l	97
38) Carbon Tetrachloride	7.823	117	90395	20.702	ug/l	95
39) Methylcyclohexane	9.109	83	91549	17.767	ug/l #	88
40) Benzene	8.079	78	241934	20.286	ug/l	99

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41) Methacrylonitrile	7.213	41	22504	19.459	ug/l	94
42) 1,2-Dichloroethane	8.158	62	72550	22.608	ug/l	95
43) Isopropyl Acetate	8.201	43	93209	22.363	ug/l #	89
44) Trichloroethene	8.866	130	60302	19.661	ug/l	88
45) 1,2-Dichloropropane	9.140	63	63473	21.770	ug/l	95
46) Dibromomethane	9.231	93	34403	21.577	ug/l	93
47) Bromodichloromethane	9.420	83	95602	22.306	ug/l	98
48) Methyl methacrylate	9.219	41	41465	21.067	ug/l	84
49) 1,4-Dioxane	9.231	88	8264	440.288	ug/l #	84
51) 4-Methyl-2-Pentanone	9.993	43	243090	115.928	ug/l	91
52) Toluene	10.170	92	154845	20.188	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	84919	20.785	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	96092	20.199	ug/l #	83
55) 1,1,2-Trichloroethane	10.567	97	48834	22.179	ug/l	96
56) Ethyl methacrylate	10.438	69	70800	21.168	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	84437	22.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	163716	105.462	ug/l	96
59) 2-Hexanone	10.755	43	170649	111.005	ug/l	89
60) Dibromochloromethane	10.908	129	63932	21.950	ug/l	100
61) 1,2-Dibromoethane	11.012	107	44143	21.517	ug/l	97
64) Tetrachloroethene	10.646	164	52422	19.785	ug/l	94
65) Chlorobenzene	11.438	112	177453	21.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	63753	21.877	ug/l	97
67) Ethyl Benzene	11.518	91	310672	20.774	ug/l	99
68) m/p-Xylenes	11.627	106	229802	40.638	ug/l	92
69) o-Xylene	11.950	106	113330	20.493	ug/l	93
70) Styrene	11.969	104	192796	20.648	ug/l	95
71) Bromoform	12.127	173	34937	20.990	ug/l #	99
73) Isopropylbenzene	12.249	105	309763	21.027	ug/l	99
74) N-amyl acetate	12.066	43	87229	21.772	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.499	83	60495	23.135	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	37549m	19.728	ug/l	
77) Bromobenzene	12.530	156	66662	20.403	ug/l	86
78) n-propylbenzene	12.591	91	367725	21.060	ug/l	99
79) 2-Chlorotoluene	12.676	91	212970	20.929	ug/l	96
80) 1,3,5-Trimethylbenzene	12.731	105	245718	20.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	19287	19.453	ug/l #	87
82) 4-Chlorotoluene	12.773	91	218496	20.886	ug/l	95
83) tert-Butylbenzene	12.993	119	230233	21.235	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	247912	20.912	ug/l	97
85) sec-Butylbenzene	13.170	105	337893	21.453	ug/l	100
86) p-Isopropyltoluene	13.286	119	273478	21.222	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	134731	21.222	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	132202	20.982	ug/l	96
89) n-Butylbenzene	13.615	91	264289	21.453	ug/l	99
90) Hexachloroethane	13.877	117	56084	20.917	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	122951	21.702	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9548	21.910	ug/l	77
93) 1,2,4-Trichlorobenzene	14.913	180	69358	20.129	ug/l	97
94) Hexachlorobutadiene	15.017	225	39325	21.363	ug/l	96
95) Naphthalene	15.139	128	135798	19.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	58945	19.999	ug/l	97

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

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