

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020135.D
 Acq On : 04 Nov 2024 11:38
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2024
 Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 05 00:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	236479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	424679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	362446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	165041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	161147	54.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.200%
35) Dibromofluoromethane	7.640	113	148005	54.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.109	98	586517	54.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.408	95	188732	54.063	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	108.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	44392	20.279	ug/l	97
3) Chloromethane	2.074	50	73322	20.221	ug/l	98
4) Vinyl Chloride	2.208	62	77370	19.876	ug/l	95
5) Bromomethane	2.598	94	51478	19.919	ug/l	96
6) Chloroethane	2.745	64	50947	20.280	ug/l	91
7) Trichlorofluoromethane	3.068	101	98347	20.682	ug/l	94
8) Diethyl Ether	3.458	74	28848	21.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	56299	21.108	ug/l	92
10) Methyl Iodide	4.013	142	51160	19.868	ug/l	92
11) Tert butyl alcohol	4.860	59	25514	120.181	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	53233	20.860	ug/l	85
13) Acrolein	3.659	56	24566	92.956	ug/l	100
14) Allyl chloride	4.391	41	95994	20.850	ug/l #	89
15) Acrylonitrile	5.067	53	61451	101.787	ug/l	98
16) Acetone	3.873	43	70424	102.604	ug/l #	78
17) Carbon Disulfide	4.116	76	174833	20.587	ug/l	99
18) Methyl Acetate	4.397	43	31235	19.396	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	131394	20.466	ug/l	96
20) Methylene Chloride	4.629	84	57620	18.688	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	60234	20.929	ug/l	84
22) Diisopropyl ether	6.025	45	202010	21.143	ug/l #	89
23) Vinyl Acetate	5.970	43	545371	101.428	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	117288	21.200	ug/l	97
25) 2-Butanone	6.896	43	90343	97.102	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	97867	21.261	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	69936	21.139	ug/l	83
28) Bromochloromethane	7.250	49	49648	19.165	ug/l #	71
29) Tetrahydrofuran	7.268	42	53282	99.234	ug/l #	82
30) Chloroform	7.427	83	114703	20.893	ug/l	98
31) Cyclohexane	7.707	56	109312	20.409	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	101664	21.211	ug/l #	94
36) 1,1-Dichloropropene	7.841	75	87079	20.877	ug/l	93
37) Ethyl Acetate	6.994	43	38371	19.295	ug/l	95
38) Carbon Tetrachloride	7.823	117	87078	20.761	ug/l	99
39) Methylcyclohexane	9.116	83	107524	20.311	ug/l	91
40) Benzene	8.085	78	252306	20.724	ug/l	99

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41) Methacrylonitrile	7.220	41	19383m	19.458	ug/l	
42) 1,2-Dichloroethane	8.165	62	68677	20.379	ug/l	94
43) Isopropyl Acetate	8.201	43	75840	19.832	ug/l #	77
44) Trichloroethene	8.872	130	58749	20.821	ug/l	84
45) 1,2-Dichloropropane	9.146	63	60647	20.821	ug/l	94
46) Dibromomethane	9.237	93	31422	19.909	ug/l	89
47) Bromodichloromethane	9.426	83	86606	20.946	ug/l	98
48) Methyl methacrylate	9.225	41	34567	19.515	ug/l #	82
49) 1,4-Dioxane	9.244	88	6566	404.083	ug/l #	80
51) 4-Methyl-2-Pentanone	10.000	43	192895	97.896	ug/l	89
52) Toluene	10.176	92	156716	20.882	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	73163	20.039	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	89110	20.448	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	40715	20.748	ug/l	98
56) Ethyl methacrylate	10.445	69	54864	19.491	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	72805	20.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	127181	91.614	ug/l	92
59) 2-Hexanone	10.762	43	136265	96.462	ug/l	85
60) Dibromochloromethane	10.914	129	51296	20.507	ug/l	97
61) 1,2-Dibromoethane	11.018	107	37301	20.460	ug/l	99
64) Tetrachloroethene	10.646	164	48801	20.392	ug/l	90
65) Chlorobenzene	11.444	112	160253	20.750	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	52198	21.155	ug/l	98
67) Ethyl Benzene	11.524	91	299190	20.725	ug/l	98
68) m/p-Xylenes	11.633	106	218233	41.318	ug/l	92
69) o-Xylene	11.957	106	104040	20.805	ug/l	94
70) Styrene	11.969	104	170371	20.606	ug/l	95
71) Bromoform	12.133	173	25561	20.193	ug/l #	96
73) Isopropylbenzene	12.255	105	280340	21.263	ug/l	97
74) N-ethyl acetate	12.072	43	62911	19.089	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	46794	20.294	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	29354m	18.974	ug/l	
77) Bromobenzene	12.536	156	56439	21.167	ug/l	86
78) n-propylbenzene	12.597	91	345845	21.077	ug/l	96
79) 2-Chlorotoluene	12.682	91	191730	21.050	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	221895	20.964	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	14182	19.718	ug/l #	83
82) 4-Chlorotoluene	12.780	91	191523	20.623	ug/l	95
83) tert-Butylbenzene	12.999	119	192783	20.829	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	220656	21.047	ug/l	97
85) sec-Butylbenzene	13.176	105	297548	20.941	ug/l	97
86) p-Isopropyltoluene	13.292	119	236535	20.745	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	112511	20.771	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	112059	20.774	ug/l	97
89) n-Butylbenzene	13.621	91	233341	20.415	ug/l	97
90) Hexachloroethane	13.883	117	45781	20.302	ug/l	86
91) 1,2-Dichlorobenzene	13.664	146	98403	20.900	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6329	18.099	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	46442	18.362	ug/l	97
94) Hexachlorobutadiene	15.029	225	27263	19.712	ug/l	98
95) Naphthalene	15.145	128	82915	17.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38986	18.158	ug/l	97

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

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