

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020733.D
 Acq On : 27 Dec 2024 12:26
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 03:01:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	129413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	186352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	158160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	79149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	59243	55.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.640	113	55021	53.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.200%
50) Toluene-d8	10.109	98	215701	52.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.408	95	72611	53.229	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	19975	19.610	ug/l	92
3) Chloromethane	2.074	50	8689	22.872	ug/l	95
4) Vinyl Chloride	2.214	62	9331	19.824	ug/l	93
5) Bromomethane	2.605	94	7379	20.764	ug/l	99
6) Chloroethane	2.739	64	6014	21.299	ug/l #	86
7) Trichlorofluoromethane	3.068	101	33875	18.715	ug/l	97
8) Diethyl Ether	3.464	74	9258	21.494	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	20789	20.921	ug/l	98
10) Methyl Iodide	4.013	142	21673	19.945	ug/l	98
11) Tert butyl alcohol	4.879	59	8443	116.445	ug/l	100
12) 1,1-Dichloroethene	3.799	96	18053	20.411	ug/l	98
13) Acrolein	3.659	56	3505	158.176	ug/l	95
14) Allyl chloride	4.397	41	23099	22.317	ug/l	92
15) Acrylonitrile	5.074	53	18890	113.528	ug/l	97
16) Acetone	3.879	43	13905	103.404	ug/l	96
17) Carbon Disulfide	4.117	76	42853	19.751	ug/l	99
18) Methyl Acetate	4.397	43	8386	23.042	ug/l	99
19) Methyl tert-butyl Ether	5.129	73	51019	20.695	ug/l	100
20) Methylene Chloride	4.623	84	18611	21.280	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	19728	20.699	ug/l	98
22) Diisopropyl ether	6.025	45	49974	23.751	ug/l	98
23) Vinyl Acetate	5.970	43	141793	112.826	ug/l	100
24) 1,1-Dichloroethane	5.921	63	34737	22.020	ug/l	97
25) 2-Butanone	6.903	43	21027	115.755	ug/l	97
26) 2,2-Dichloropropane	6.896	77	39062	20.231	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	24416	21.392	ug/l	99
28) Bromochloromethane	7.256	49	8041	19.275	ug/l	99
29) Tetrahydrofuran	7.268	42	13347	119.703	ug/l	98
30) Chloroform	7.427	83	44126	21.745	ug/l	100
31) Cyclohexane	7.707	56	27969	20.540	ug/l #	93
32) 1,1,1-Trichloroethane	7.628	97	45099	20.733	ug/l	99
36) 1,1-Dichloropropene	7.841	75	27889	20.569	ug/l	99
37) Ethyl Acetate	6.994	43	10313	23.082	ug/l	99
38) Carbon Tetrachloride	7.829	117	43183	19.341	ug/l	95
39) Methylcyclohexane	9.116	83	35058	20.173	ug/l	96
40) Benzene	8.085	78	83465	21.240	ug/l	95

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41) Methacrylonitrile	7.226	41	4599m	20.377	ug/l	
42) 1,2-Dichloroethane	8.165	62	25498	20.236	ug/l	99
43) Isopropyl Acetate	8.201	43	20040	21.102	ug/l #	88
44) Trichloroethene	8.872	130	24167	20.591	ug/l	90
45) 1,2-Dichloropropane	9.146	63	17474	21.968	ug/l	100
46) Dibromomethane	9.238	93	11329	20.584	ug/l	98
47) Bromodichloromethane	9.427	83	32115	20.582	ug/l	97
48) Methyl methacrylate	9.225	41	9774	22.039	ug/l	94
49) 1,4-Dioxane	9.231	88	2199	419.455	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	51510	112.373	ug/l	100
52) Toluene	10.176	92	56698	21.052	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	28098	20.503	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	30822	20.518	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	15234	21.684	ug/l	90
56) Ethyl methacrylate	10.445	69	19587	21.222	ug/l	97
57) 1,3-Dichloropropane	10.719	76	25216	22.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	34970	108.656	ug/l	98
59) 2-Hexanone	10.762	43	32879	108.637	ug/l	98
60) Dibromochloromethane	10.914	129	23351	20.570	ug/l	98
61) 1,2-Dibromoethane	11.018	107	13663	20.669	ug/l	100
64) Tetrachloroethene	10.652	164	22493	20.816	ug/l	92
65) Chlorobenzene	11.444	112	64038	20.678	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.524	131	25358	21.135	ug/l	96
67) Ethyl Benzene	11.524	91	114075	21.076	ug/l	100
68) m/p-Xylenes	11.633	106	87611	42.432	ug/l	97
69) o-Xylene	11.957	106	41401	20.987	ug/l	98
70) Styrene	11.975	104	69293	20.925	ug/l	98
71) Bromoform	12.139	173	14328	20.771	ug/l #	99
73) Isopropylbenzene	12.261	105	116466	21.239	ug/l	99
74) N-amyl acetate	12.078	43	17162	22.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	15699	22.332	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	13640m	27.096	ug/l	
77) Bromobenzene	12.536	156	26425	20.934	ug/l	99
78) n-propylbenzene	12.597	91	130855	21.291	ug/l	100
79) 2-Chlorotoluene	12.682	91	74872	21.370	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	96868	21.203	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	5753	22.589	ug/l	92
82) 4-Chlorotoluene	12.780	91	77903	21.514	ug/l	99
83) tert-Butylbenzene	12.999	119	91029	21.335	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	94951	21.357	ug/l	99
85) sec-Butylbenzene	13.182	105	121641	21.154	ug/l	98
86) p-Isopropyltoluene	13.298	119	107600	20.997	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	51752	20.977	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	51614	21.031	ug/l	99
89) n-Butylbenzene	13.621	91	90120	21.067	ug/l	99
90) Hexachloroethane	13.883	117	20125	20.653	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	43886	20.746	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2700	19.803	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	26417	19.647	ug/l	99
94) Hexachlorobutadiene	15.029	225	19308	19.703	ug/l	98
95) Naphthalene	15.151	128	42532	19.750	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	22351	19.965	ug/l	99

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

