

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020350.D
 Acq On : 20 Nov 2024 11:16
 Operator : SY/MD
 Sample : VY1120SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

Quant Time: Nov 21 00:44:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	195666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	326538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	274213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118185	52.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.140%
35) Dibromofluoromethane	7.634	113	103594	49.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.109	98	417433	50.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.407	95	141836	53.493	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	43471	22.889	ug/l	99
3) Chloromethane	2.074	50	45425	15.032	ug/l	97
4) Vinyl Chloride	2.208	62	42646	16.367	ug/l	98
5) Bromomethane	2.598	94	23830	18.313	ug/l	98
6) Chloroethane	2.738	64	26765	17.609	ug/l	97
7) Trichlorofluoromethane	3.062	101	70870	19.573	ug/l	99
8) Diethyl Ether	3.458	74	20790	18.198	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	41054	19.039	ug/l	98
10) Methyl Iodide	4.013	142	54151	18.748	ug/l	96
11) Tert butyl alcohol	4.866	59	15973	91.038	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	39521	18.516	ug/l	99
13) Acrolein	3.653	56	16943	121.719	ug/l	98
14) Allyl chloride	4.391	41	76693	18.581	ug/l	93
15) Acrylonitrile	5.061	53	47113	93.292	ug/l	98
16) Acetone	3.866	43	50611	93.914	ug/l	91
17) Carbon Disulfide	4.110	76	128572	17.879	ug/l	98
18) Methyl Acetate	4.391	43	22856	18.195	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	104484	18.844	ug/l	94
20) Methylene Chloride	4.622	84	42237	18.508	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	44087	18.597	ug/l	89
22) Diisopropyl ether	6.024	45	150608	18.516	ug/l	98
23) Vinyl Acetate	5.963	43	429084	94.395	ug/l	97
24) 1,1-Dichloroethane	5.921	63	85440	18.606	ug/l	99
25) 2-Butanone	6.896	43	68242	98.362	ug/l	99
26) 2,2-Dichloropropane	6.890	77	75785	19.968	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	50870	19.482	ug/l	97
28) Bromochloromethane	7.250	49	35336	18.284	ug/l	97
29) Tetrahydrofuran	7.262	42	41448	99.957	ug/l	97
30) Chloroform	7.421	83	85004	19.170	ug/l	98
31) Cyclohexane	7.701	56	81044	19.340	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	78093	20.057	ug/l	98
36) 1,1-Dichloropropene	7.835	75	63425	19.832	ug/l	99
37) Ethyl Acetate	6.988	43	29280	19.986	ug/l	99
38) Carbon Tetrachloride	7.823	117	71177	21.316	ug/l	98
39) Methylcyclohexane	9.109	83	80338	20.072	ug/l	94
40) Benzene	8.079	78	188031	20.063	ug/l	98

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41) Methacrylonitrile	7.225	41	13720	16.459	ug/l	87
42) 1,2-Dichloroethane	8.158	62	51933	20.529	ug/l	100
43) Isopropyl Acetate	8.195	43	57248	20.094	ug/l	100
44) Trichloroethene	8.865	130	43977	19.805	ug/l	93
45) 1,2-Dichloropropane	9.140	63	44975	20.113	ug/l	98
46) Dibromomethane	9.231	93	22762	19.861	ug/l	99
47) Bromodichloromethane	9.420	83	63267	19.997	ug/l	98
48) Methyl methacrylate	9.219	41	27505	20.193	ug/l	95
49) 1,4-Dioxane	9.231	88	5134	435.417	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	145460	100.606	ug/l	99
52) Toluene	10.170	92	115651	20.189	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	57845	19.334	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	69495	20.292	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	29785	19.579	ug/l	98
56) Ethyl methacrylate	10.438	69	44786	19.603	ug/l	95
57) 1,3-Dichloropropane	10.719	76	54285	19.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	109898	101.445	ug/l	100
59) 2-Hexanone	10.761	43	105773	103.314	ug/l	100
60) Dibromochloromethane	10.908	129	39174	19.978	ug/l	96
61) 1,2-Dibromoethane	11.011	107	26686	18.930	ug/l	99
64) Tetrachloroethene	10.646	164	37738	19.092	ug/l	98
65) Chlorobenzene	11.444	112	118624	19.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	40072	19.620	ug/l	98
67) Ethyl Benzene	11.517	91	224615	19.914	ug/l	99
68) m/p-Xylenes	11.627	106	165182	40.656	ug/l	99
69) o-Xylene	11.956	106	77083	20.003	ug/l	97
70) Styrene	11.969	104	128989	20.147	ug/l	98
71) Bromoform	12.133	173	21992	20.660	ug/l #	99
73) Isopropylbenzene	12.255	105	210238	19.130	ug/l	100
74) N-amyl acetate	12.072	43	51230	19.290	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	33065	18.616	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	24497m	20.034	ug/l	
77) Bromobenzene	12.529	156	44178	19.187	ug/l	96
78) n-propylbenzene	12.596	91	256400	19.440	ug/l	100
79) 2-Chlorotoluene	12.682	91	145308	19.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	172392	19.410	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	11878	19.034	ug/l	99
82) 4-Chlorotoluene	12.779	91	150847	19.274	ug/l	96
83) tert-Butylbenzene	12.999	119	152332	19.435	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	172357	19.574	ug/l	99
85) sec-Butylbenzene	13.176	105	222259	17.987	ug/l	100
86) p-Isopropyltoluene	13.291	119	187870	19.664	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	87420	18.777	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	86465	19.438	ug/l	98
89) n-Butylbenzene	13.621	91	177016	19.348	ug/l	99
90) Hexachloroethane	13.883	117	34676	18.805	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	76216	19.649	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5362	18.397	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	46584	19.862	ug/l	98
94) Hexachlorobutadiene	15.029	225	29622	20.691	ug/l	100
95) Naphthalene	15.145	128	81079	20.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	39070	19.483	ug/l	99

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

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