

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020452.D
 Acq On : 26 Nov 2024 16:40
 Operator : SY/MD
 Sample : VY1126SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBSD01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 01:43:44 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	7.707	168	160612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	260335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	219650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84266	45.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.340%
35) Dibromofluoromethane	7.634	113	76050	45.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.109	98	299200	45.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.408	95	102448	48.463	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	34709	22.264	ug/l	96
3) Chloromethane	2.074	50	32833	12.629	ug/l	97
4) Vinyl Chloride	2.208	62	31336	14.652	ug/l	96
5) Bromomethane	2.592	94	18648	17.458	ug/l	97
6) Chloroethane	2.739	64	19020	15.245	ug/l	92
7) Trichlorofluoromethane	3.062	101	59517	20.025	ug/l	95
8) Diethyl Ether	3.452	74	18257	19.469	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	34295	19.376	ug/l	99
10) Methyl Iodide	4.001	142	39357	16.600	ug/l	91
11) Tert butyl alcohol	4.866	59	13584	94.465	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	32400	18.492	ug/l	94
13) Acrolein	3.647	56	15613	136.644	ug/l	99
14) Allyl chloride	4.385	41	59965	17.699	ug/l	95
15) Acrylonitrile	5.061	53	39623	95.585	ug/l	99
16) Acetone	3.866	43	44793	101.259	ug/l	98
17) Carbon Disulfide	4.110	76	90461	15.325	ug/l	99
18) Methyl Acetate	4.397	43	17627	17.095	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	91653	20.137	ug/l	96
20) Methylene Chloride	4.622	84	36143	19.294	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	36680	18.849	ug/l	95
22) Diisopropyl ether	6.019	45	122412	18.334	ug/l	96
23) Vinyl Acetate	5.958	43	346595	92.889	ug/l	99
24) 1,1-Dichloroethane	5.915	63	70551	18.717	ug/l	99
25) 2-Butanone	6.896	43	59303	104.134	ug/l	100
26) 2,2-Dichloropropane	6.884	77	65280	20.954	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	43169	20.141	ug/l	98
28) Bromochloromethane	7.244	49	29454	18.566	ug/l	95
29) Tetrahydrofuran	7.262	42	33744	99.139	ug/l	99
30) Chloroform	7.421	83	73517	20.198	ug/l	93
31) Cyclohexane	7.701	56	60198	17.500	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	67931	21.255	ug/l	97
36) 1,1-Dichloropropene	7.835	75	51185	20.075	ug/l	99
37) Ethyl Acetate	6.988	43	24544	21.014	ug/l	98
38) Carbon Tetrachloride	7.823	117	61525	23.111	ug/l	98
39) Methylcyclohexane	9.109	83	61685	19.331	ug/l	98
40) Benzene	8.079	78	156314	20.920	ug/l	100

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41) Methacrylonitrile	7.226	41	13801	20.767	ug/l	96
42) 1,2-Dichloroethane	8.158	62	44072	21.852	ug/l	99
43) Isopropyl Acetate	8.195	43	47282	20.816	ug/l	98
44) Trichloroethene	8.866	130	37451	21.155	ug/l	99
45) 1,2-Dichloropropane	9.140	63	36849	20.670	ug/l	99
46) Dibromomethane	9.231	93	19389	21.220	ug/l	98
47) Bromodichloromethane	9.426	83	55189	21.880	ug/l	97
48) Methyl methacrylate	9.219	41	21906	20.172	ug/l	98
49) 1,4-Dioxane	9.231	88	3789	403.065	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	122032	105.866	ug/l	100
52) Toluene	10.170	92	98314	21.527	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	50042	20.980	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	58057	21.263	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	26287	21.673	ug/l	97
56) Ethyl methacrylate	10.438	69	37359	20.510	ug/l	96
57) 1,3-Dichloropropane	10.719	76	46532	21.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	82272	95.256	ug/l	96
59) 2-Hexanone	10.762	43	90075	110.355	ug/l	97
60) Dibromochloromethane	10.914	129	35590	22.765	ug/l	99
61) 1,2-Dibromoethane	11.018	107	23687	21.076	ug/l	100
64) Tetrachloroethene	10.646	164	32394	20.459	ug/l	98
65) Chlorobenzene	11.444	112	103592	21.152	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	36508	22.315	ug/l	98
67) Ethyl Benzene	11.518	91	189754	21.002	ug/l	99
68) m/p-Xylenes	11.627	106	139085	42.737	ug/l	98
69) o-Xylene	11.956	106	66067	21.403	ug/l	97
70) Styrene	11.969	104	112187	21.875	ug/l	99
71) Bromoform	12.133	173	20487	24.027	ug/l #	98
73) Isopropylbenzene	12.255	105	182096	20.120	ug/l	100
74) N-amyl acetate	12.072	43	41792	19.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	28963	19.801	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	22141m	21.987	ug/l	
77) Bromobenzene	12.536	156	39675	20.923	ug/l	98
78) n-propylbenzene	12.597	91	220491	20.300	ug/l	100
79) 2-Chlorotoluene	12.682	91	124865	19.994	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	149931	20.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	10440	20.315	ug/l	95
82) 4-Chlorotoluene	12.779	91	130140	20.191	ug/l	98
83) tert-Butylbenzene	12.999	119	135468	20.987	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	148720	20.508	ug/l	98
85) sec-Butylbenzene	13.176	105	194044	19.069	ug/l	100
86) p-Isopropyltoluene	13.292	119	161661	20.547	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	78295	20.421	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	76417	20.860	ug/l	99
89) n-Butylbenzene	13.621	91	152125	20.190	ug/l	99
90) Hexachloroethane	13.883	117	31232	20.567	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	68863	21.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4929	20.536	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	42468	21.987	ug/l	100
94) Hexachlorobutadiene	15.029	225	26612	22.572	ug/l	98
95) Naphthalene	15.151	128	73218	22.011	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	35447	21.464	ug/l	99

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

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