

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020530.D
 Acq On : 06 Dec 2024 12:19
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Quant Time: Dec 07 03:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	137074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	217851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	186835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	75264	53.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.980%
35) Dibromofluoromethane	7.646	113	72240	52.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.115	98	271244	51.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.414	95	97788	53.539	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	107.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	25153	18.812	ug/l	99
3) Chloromethane	2.074	50	23272	17.190	ug/l	97
4) Vinyl Chloride	2.214	62	24434	17.702	ug/l	98
5) Bromomethane	2.605	94	14384	17.761	ug/l	90
6) Chloroethane	2.745	64	15368	18.166	ug/l	91
7) Trichlorofluoromethane	3.074	101	49992	19.338	ug/l	98
8) Diethyl Ether	3.464	74	15268	20.844	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.830	101	30565	20.291	ug/l	99
10) Methyl Iodide	4.019	142	31643	18.713	ug/l	92
11) Tert butyl alcohol	4.891	59	12509	138.325	ug/l	96
12) 1,1-Dichloroethene	3.806	96	26936	18.930	ug/l	96
13) Acrolein	3.671	56	10228	120.801	ug/l	100
14) Allyl chloride	4.397	41	49376	19.456	ug/l	96
15) Acrylonitrile	5.086	53	34841	114.161	ug/l	98
16) Acetone	3.891	43	33564	96.829	ug/l	100
17) Carbon Disulfide	4.123	76	66875	16.421	ug/l	98
18) Methyl Acetate	4.403	43	17729	24.064	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	80314	22.102	ug/l	99
20) Methylene Chloride	4.635	84	31084	21.080	ug/l	97
21) trans-1,2-Dichloroethene	5.135	96	30259	19.146	ug/l	95
22) Diisopropyl ether	6.031	45	108643	21.528	ug/l	93
23) Vinyl Acetate	5.976	43	292171	109.457	ug/l	98
24) 1,1-Dichloroethane	5.933	63	62788	20.666	ug/l	99
25) 2-Butanone	6.915	43	48725	111.319	ug/l	99
26) 2,2-Dichloropropane	6.903	77	55545	19.329	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	38273	20.739	ug/l	98
28) Bromochloromethane	7.256	49	22390	19.734	ug/l	95
29) Tetrahydrofuran	7.281	42	28693	114.907	ug/l	98
30) Chloroform	7.433	83	65784	21.097	ug/l	94
31) Cyclohexane	7.713	56	50344	18.329	ug/l #	93
32) 1,1,1-Trichloroethane	7.628	97	61773	20.574	ug/l	97
36) 1,1-Dichloropropene	7.847	75	45012	19.435	ug/l	99
37) Ethyl Acetate	7.000	43	21188	23.092	ug/l #	97
38) Carbon Tetrachloride	7.829	117	55364	20.029	ug/l	98
39) Methylcyclohexane	9.116	83	52706	18.339	ug/l	97
40) Benzene	8.091	78	136992	20.062	ug/l	96

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41) Methacrylonitrile	7.226	41	11643	22.321	ug/l	96
42) 1,2-Dichloroethane	8.171	62	38893	21.676	ug/l	99
43) Isopropyl Acetate	8.207	43	42810	23.106	ug/l	98
44) Trichloroethene	8.878	130	34434	20.455	ug/l	94
45) 1,2-Dichloropropane	9.152	63	33712	21.097	ug/l	97
46) Dibromomethane	9.237	93	17297	21.862	ug/l	97
47) Bromodichloromethane	9.433	83	49437	21.208	ug/l	96
48) Methyl methacrylate	9.225	41	20311	23.508	ug/l	97
49) 1,4-Dioxane	9.244	88	3975	525.620	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	109473	119.642	ug/l	100
52) Toluene	10.176	92	86674	20.344	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	45525	21.754	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	51514	20.829	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	23811	22.561	ug/l	98
56) Ethyl methacrylate	10.445	69	32573	21.812	ug/l	99
57) 1,3-Dichloropropane	10.725	76	41700	22.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	72171	103.222	ug/l	97
59) 2-Hexanone	10.768	43	73650	111.575	ug/l	96
60) Dibromochloromethane	10.920	129	32682	22.242	ug/l	97
61) 1,2-Dibromoethane	11.024	107	21033	21.793	ug/l	98
64) Tetrachloroethene	10.652	164	31041	19.662	ug/l	95
65) Chlorobenzene	11.450	112	95272	20.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	34369	20.694	ug/l	98
67) Ethyl Benzene	11.524	91	173004	19.709	ug/l	98
68) m/p-Xylenes	11.633	106	127133	39.552	ug/l	99
69) o-Xylene	11.963	106	61109	20.293	ug/l	100
70) Styrene	11.975	104	105115	20.923	ug/l	98
71) Bromoform	12.139	173	18804	22.269	ug/l #	99
73) Isopropylbenzene	12.261	105	167370	18.243	ug/l	100
74) N-amyl acetate	12.078	43	37299	20.743	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	27019	20.479	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	16073m	16.640	ug/l	
77) Bromobenzene	12.536	156	36721	19.328	ug/l	96
78) n-propylbenzene	12.603	91	202071	18.603	ug/l	98
79) 2-Chlorotoluene	12.688	91	115933	18.915	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	138584	18.850	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	8848	18.795	ug/l	96
82) 4-Chlorotoluene	12.786	91	118712	18.979	ug/l	100
83) tert-Butylbenzene	13.005	119	125872	18.937	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	137039	19.177	ug/l	99
85) sec-Butylbenzene	13.182	105	180788	18.978	ug/l	98
86) p-Isopropyltoluene	13.298	119	151863	19.292	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	71659	19.557	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	72677	20.261	ug/l	99
89) n-Butylbenzene	13.621	91	141329	19.358	ug/l	100
90) Hexachloroethane	13.889	117	29722	19.374	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	64486	20.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4364	21.849	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	36082	20.651	ug/l	100
94) Hexachlorobutadiene	15.029	225	24439	19.994	ug/l	99
95) Naphthalene	15.151	128	62137	21.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	31003	21.990	ug/l	99

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

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