

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020404.D
 Acq On : 22 Nov 2024 11:04
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS02

Quant Time: Nov 22 23:57:57 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/26/2024
 Supervised By :Semsettin Yesilyurt 11/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	182116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	298132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	113255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	111076	53.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.180%			
35) Dibromofluoromethane	7.640	113	101764	53.232	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.460%			
50) Toluene-d8	10.109	98	398203	52.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.408	95	132161	54.593	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	44685	25.278	ug/l	99
3) Chloromethane	2.074	50	43774	15.743	ug/l	95
4) Vinyl Chloride	2.214	62	42648	17.586	ug/l	96
5) Bromomethane	2.604	94	24646	20.349	ug/l	98
6) Chloroethane	2.745	64	25674	18.148	ug/l	97
7) Trichlorofluoromethane	3.068	101	76847	22.803	ug/l	100
8) Diethyl Ether	3.458	74	21142	19.883	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.830	101	43231	21.540	ug/l	99
10) Methyl Iodide	4.013	142	52717	19.610	ug/l	94
11) Tert butyl alcohol	4.872	59	14325	87.581	ug/l	100
12) 1,1-Dichloroethene	3.799	96	41271	20.774	ug/l	99
13) Acrolein	3.665	56	16167	124.786	ug/l	99
14) Allyl chloride	4.397	41	72760	18.940	ug/l	95
15) Acrylonitrile	5.067	53	45278	96.329	ug/l	99
16) Acetone	3.879	43	47644	94.987	ug/l	92
17) Carbon Disulfide	4.116	76	130774	19.539	ug/l	100
18) Methyl Acetate	4.391	43	20951	17.919	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	105998	20.539	ug/l	96
20) Methylene Chloride	4.628	84	43466	20.463	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	45023	20.405	ug/l	94
22) Diisopropyl ether	6.025	45	143258	18.922	ug/l	94
23) Vinyl Acetate	5.970	43	397626	93.983	ug/l	100
24) 1,1-Dichloroethane	5.927	63	85352	19.970	ug/l	99
25) 2-Butanone	6.909	43	65000	100.660	ug/l	99
26) 2,2-Dichloropropane	6.896	77	77236	21.864	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	52238	21.494	ug/l	98
28) Bromochloromethane	7.256	49	32981	18.335	ug/l	98
29) Tetrahydrofuran	7.268	42	37344	96.761	ug/l	99
30) Chloroform	7.433	83	87034	21.088	ug/l	99
31) Cyclohexane	7.713	56	80472	20.632	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	82882	22.871	ug/l	98
36) 1,1-Dichloropropene	7.841	75	63439	21.727	ug/l	99
37) Ethyl Acetate	6.994	43	26794	20.032	ug/l	97
38) Carbon Tetrachloride	7.823	117	75608	24.801	ug/l	98
39) Methylcyclohexane	9.115	83	82700	22.631	ug/l	99
40) Benzene	8.085	78	192195	22.461	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	15027	19.745	ug/l	98
42) 1,2-Dichloroethane	8.164	62	52455	22.711	ug/l	100
43) Isopropyl Acetate	8.201	43	53749	20.663	ug/l	96
44) Trichloroethene	8.872	130	46129	22.753	ug/l	98
45) 1,2-Dichloropropane	9.146	63	44684	21.887	ug/l	99
46) Dibromomethane	9.237	93	21891	20.921	ug/l	97
47) Bromodichloromethane	9.426	83	63732	22.063	ug/l	98
48) Methyl methacrylate	9.225	41	25223	20.282	ug/l	97
49) 1,4-Dioxane	9.231	88	4426	411.137	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	134967	102.243	ug/l	99
52) Toluene	10.176	92	117588	22.483	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	57948	21.214	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	69407	22.197	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	30154	21.710	ug/l	96
56) Ethyl methacrylate	10.444	69	41769	20.024	ug/l	94
57) 1,3-Dichloropropane	10.719	76	52320	20.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	99738	100.839	ug/l	100
59) 2-Hexanone	10.761	43	96861	103.624	ug/l	97
60) Dibromochloromethane	10.914	129	40445	22.591	ug/l	99
61) 1,2-Dibromoethane	11.018	107	27281	21.196	ug/l	99
64) Tetrachloroethene	10.652	164	40490	22.777	ug/l	95
65) Chlorobenzene	11.444	112	122560	22.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	41629	22.663	ug/l	98
67) Ethyl Benzene	11.524	91	228903	22.565	ug/l	100
68) m/p-Xylenes	11.633	106	166365	45.531	ug/l	98
69) o-Xylene	11.956	106	78340	22.605	ug/l	96
70) Styrene	11.975	104	132399	22.994	ug/l	99
71) Bromoform	12.133	173	22552	23.558	ug/l	100
73) Isopropylbenzene	12.261	105	219664	22.896	ug/l	100
74) N-amyl acetate	12.072	43	43939	18.952	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	32756	21.125	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	22996m	21.543	ug/l	
77) Bromobenzene	12.536	156	43708	21.745	ug/l	98
78) n-propylbenzene	12.597	91	253646	22.029	ug/l	99
79) 2-Chlorotoluene	12.682	91	144796	21.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	176320	22.740	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	11280	20.706	ug/l	98
82) 4-Chlorotoluene	12.779	91	146063	21.378	ug/l	99
83) tert-Butylbenzene	13.005	119	154600	22.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	174090	22.647	ug/l	98
85) sec-Butylbenzene	13.182	105	221656	20.548	ug/l	100
86) p-Isopropyltoluene	13.298	119	184448	22.115	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	87940	21.637	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	87853	22.624	ug/l	99
89) n-Butylbenzene	13.621	91	171542	21.478	ug/l	99
90) Hexachloroethane	13.883	117	34288	21.300	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	75430	22.275	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5026	19.754	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	43522	21.257	ug/l	99
94) Hexachlorobutadiene	15.029	225	27642	22.118	ug/l	99
95) Naphthalene	15.151	128	72288	20.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	36036	20.585	ug/l	99

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

