

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019972.D
 Acq On : 22 Oct 2024 11:38
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/23/2024
 Supervised By :Mahesh Dadoda 10/23/2024

Quant Time: Oct 23 01:25:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	222995	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	399190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	345246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156088	56.848	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.700%			
35) Dibromofluoromethane	7.628	113	147654	56.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.100%			
50) Toluene-d8	10.103	98	518648	53.316	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.401	95	187461	53.333	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 106.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	36062	17.372	ug/l	95
3) Chloromethane	2.068	50	49606	18.360	ug/l	95
4) Vinyl Chloride	2.202	62	55821	18.775	ug/l	95
5) Bromomethane	2.592	94	38520	20.469	ug/l	97
6) Chloroethane	2.732	64	40229	20.141	ug/l	96
7) Trichlorofluoromethane	3.055	101	87783	19.842	ug/l	97
8) Diethyl Ether	3.458	74	27366	20.353	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.811	101	51895	20.167	ug/l	89
10) Methyl Iodide	4.007	142	42219	16.222	ug/l #	87
11) Tert butyl alcohol	4.866	59	28518	119.003	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	42356	17.705	ug/l #	77
13) Acrolein	3.653	56	17583	87.150	ug/l	99
14) Allyl chloride	4.384	41	84995	19.691	ug/l #	90
15) Acrylonitrile	5.061	53	70363	114.412	ug/l	97
16) Acetone	3.866	43	83428	116.722	ug/l #	80
17) Carbon Disulfide	4.110	76	84222	13.135	ug/l	97
18) Methyl Acetate	4.384	43	34553	22.441	ug/l #	86
19) Methyl tert-butyl Ether	5.110	73	147148	21.410	ug/l	98
20) Methylene Chloride	4.616	84	56646	20.981	ug/l #	78
21) trans-1,2-Dichloroethene	5.110	96	48352	18.570	ug/l #	78
22) Diisopropyl ether	6.018	45	214474	22.812	ug/l #	89
23) Vinyl Acetate	5.957	43	590341	109.526	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	115574	22.114	ug/l	99
25) 2-Butanone	6.896	43	112576	117.668	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	92797	19.937	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	67380	20.941	ug/l	84
28) Bromochloromethane	7.238	49	51979	22.596	ug/l #	74
29) Tetrahydrofuran	7.262	42	61967	113.437	ug/l #	81
30) Chloroform	7.421	83	119791	22.485	ug/l	96
31) Cyclohexane	7.695	56	79144	17.251	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	95901	20.540	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	71708	18.895	ug/l	94
37) Ethyl Acetate	6.982	43	44595	22.535	ug/l	97
38) Carbon Tetrachloride	7.817	117	76115	18.709	ug/l	98
39) Methylcyclohexane	9.109	83	83024	17.363	ug/l #	89
40) Benzene	8.079	78	232333	20.229	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	21915m	20.462	ug/l	
42) 1,2-Dichloroethane	8.158	62	70838	21.468	ug/l	95
43) Isopropyl Acetate	8.195	43	88186	21.851	ug/l #	88
44) Trichloroethene	8.865	130	53833	19.352	ug/l	93
45) 1,2-Dichloropropane	9.140	63	62406	21.708	ug/l	95
46) Dibromomethane	9.231	93	33185	21.128	ug/l	88
47) Bromodichloromethane	9.420	83	90748	21.768	ug/l #	93
48) Methyl methacrylate	9.219	41	38855	21.887	ug/l #	81
49) 1,4-Dioxane	9.231	88	7666	436.089	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	236937	115.102	ug/l	87
52) Toluene	10.170	92	147740	20.607	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	75805	20.209	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	90917	20.541	ug/l #	83
55) 1,1,2-Trichloroethane	10.572	97	45713	22.091	ug/l	97
56) Ethyl methacrylate	10.438	69	62657	21.102	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	79830	21.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	140702	101.789	ug/l	92
59) 2-Hexanone	10.761	43	168776	114.795	ug/l	85
60) Dibromochloromethane	10.908	129	56246	21.177	ug/l	100
61) 1,2-Dibromoethane	11.011	107	38498	20.588	ug/l	98
64) Tetrachloroethene	10.646	164	44825	18.254	ug/l	93
65) Chlorobenzene	11.438	112	159172	20.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	57723	21.605	ug/l	96
67) Ethyl Benzene	11.517	91	286431	19.968	ug/l	100
68) m/p-Xylenes	11.627	106	206259	38.933	ug/l	90
69) o-Xylene	11.950	106	100341	19.713	ug/l	90
70) Styrene	11.969	104	175410	20.426	ug/l	95
71) Bromoform	12.127	173	28873	20.187	ug/l #	100
73) Isopropylbenzene	12.249	105	276863	20.190	ug/l	97
74) N-amyl acetate	12.066	43	77748	21.407	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	56863	23.337	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	35412m	11.088	ug/l	
77) Bromobenzene	12.529	156	58372	20.060	ug/l	82
78) n-propylbenzene	12.590	91	343357	20.722	ug/l	96
79) 2-Chlorotoluene	12.676	91	196135	20.648	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	222638	20.104	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	15335	19.381	ug/l #	78
82) 4-Chlorotoluene	12.773	91	200305	20.623	ug/l	94
83) tert-Butylbenzene	12.993	119	203727	20.535	ug/l	93
84) 1,2,4-Trimethylbenzene	13.041	105	222492	20.264	ug/l	96
85) sec-Butylbenzene	13.169	105	308477	20.811	ug/l	96
86) p-Isopropyltoluene	13.291	119	243006	20.190	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	119217	20.287	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	118139	20.464	ug/l	96
89) n-Butylbenzene	13.615	91	244627	20.814	ug/l	97
90) Hexachloroethane	13.877	117	48467	20.680	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	106590	20.643	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8487	21.825	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	56103	19.377	ug/l	98
94) Hexachlorobutadiene	15.017	225	31492	19.564	ug/l	99
95) Naphthalene	15.139	128	106373	19.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46528	19.011	ug/l	97

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

