

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019956.D
 Acq On : 21 Oct 2024 11:52
 Operator : SY/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/22/2024
 Supervised By :Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 02:04:16 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	243335	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	425439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	356694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	174803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141039	47.073	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.140%		
35) Dibromofluoromethane	7.634	113	136348	48.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.140%		
50) Toluene-d8	10.103	98	503487	48.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.120%		
62) 4-Bromofluorobenzene	12.402	95	178550	47.663	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	38698	17.083	ug/l	99
3) Chloromethane	2.074	50	52899	17.942	ug/l	97
4) Vinyl Chloride	2.208	62	59096	18.215	ug/l	97
5) Bromomethane	2.592	94	39909	19.434	ug/l	96
6) Chloroethane	2.739	64	41853	19.202	ug/l	97
7) Trichlorofluoromethane	3.056	101	92507	19.162	ug/l	91
8) Diethyl Ether	3.458	74	26035	17.745	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.824	101	55603	19.801	ug/l	92
10) Methyl Iodide	4.007	142	43756	15.407	ug/l #	89
11) Tert butyl alcohol	4.860	59	28551	107.624	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	45892	17.580	ug/l #	78
13) Acrolein	3.653	56	16388	74.437	ug/l	92
14) Allyl chloride	4.385	41	86619	18.390	ug/l #	90
15) Acrylonitrile	5.061	53	65065	96.954	ug/l	98
16) Acetone	3.873	43	81128	104.017	ug/l #	86
17) Carbon Disulfide	4.104	76	91922	13.137	ug/l	98
18) Methyl Acetate	4.385	43	30437	18.116	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	136812	18.242	ug/l	97
20) Methylene Chloride	4.616	84	54904	18.544	ug/l #	78
21) trans-1,2-Dichloroethene	5.116	96	51019	17.957	ug/l	88
22) Diisopropyl ether	6.019	45	207650	20.240	ug/l #	89
23) Vinyl Acetate	5.964	43	553934	94.181	ug/l #	89
24) 1,1-Dichloroethane	5.915	63	111086	19.478	ug/l	95
25) 2-Butanone	6.896	43	108194	103.635	ug/l #	83
26) 2,2-Dichloropropane	6.884	77	98645	19.422	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	64928	18.492	ug/l	78
28) Bromochloromethane	7.244	49	47744	19.020	ug/l #	72
29) Tetrahydrofuran	7.262	42	56072	94.066	ug/l #	81
30) Chloroform	7.421	83	115854	19.928	ug/l	98
31) Cyclohexane	7.707	56	87359	17.450	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	99990	19.626	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	76008	18.792	ug/l	95
37) Ethyl Acetate	6.982	43	42674	20.234	ug/l #	94
38) Carbon Tetrachloride	7.817	117	81152	18.716	ug/l	96
39) Methylcyclohexane	9.110	83	89802	17.621	ug/l #	87
40) Benzene	8.079	78	233894	19.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	23796	20.847	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	67582	19.218	ug/l	94
43) Isopropyl Acetate	8.201	43	78842	18.331	ug/l #	78
44) Trichloroethene	8.866	130	54372	18.340	ug/l	89
45) 1,2-Dichloropropane	9.140	63	60103	19.617	ug/l	99
46) Dibromomethane	9.231	93	31647	18.906	ug/l	88
47) Bromodichloromethane	9.420	83	88915	20.012	ug/l #	99
48) Methyl methacrylate	9.219	41	35893	18.971	ug/l #	81
49) 1,4-Dioxane	9.231	88	6961	371.553	ug/l #	84
51) 4-Methyl-2-Pentanone	10.000	43	212283	96.763	ug/l	88
52) Toluene	10.170	92	146748	19.206	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	72068	18.027	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	87199	18.486	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	41595	18.861	ug/l	95
56) Ethyl methacrylate	10.439	69	56856	17.967	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	74931	19.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	143977	97.732	ug/l	94
59) 2-Hexanone	10.762	43	157619	100.592	ug/l	84
60) Dibromochloromethane	10.908	129	54670	19.314	ug/l	98
61) 1,2-Dibromoethane	11.012	107	37575	18.854	ug/l	95
64) Tetrachloroethene	10.646	164	46075	18.160	ug/l	93
65) Chlorobenzene	11.438	112	158919	19.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	54648	19.798	ug/l	97
67) Ethyl Benzene	11.518	91	290468	19.600	ug/l	97
68) m/p-Xylenes	11.627	106	213047	38.924	ug/l	92
69) o-Xylene	11.950	106	99554	18.931	ug/l	90
70) Styrene	11.969	104	172605	19.454	ug/l	95
71) Bromoform	12.133	173	27977	18.933	ug/l #	98
73) Isopropylbenzene	12.255	105	284138	19.325	ug/l	98
74) N-amyl acetate	12.066	43	71925	18.469	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	51560	19.735	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	34694m	10.131	ug/l	
77) Bromobenzene	12.530	156	56679	18.166	ug/l	82
78) n-propylbenzene	12.591	91	356566	20.070	ug/l	97
79) 2-Chlorotoluene	12.676	91	199011	19.539	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	228302	19.227	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	14848	17.502	ug/l #	79
82) 4-Chlorotoluene	12.773	91	204214	19.609	ug/l	93
83) tert-Butylbenzene	12.993	119	216765	20.378	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	225309	19.138	ug/l	94
85) sec-Butylbenzene	13.176	105	317054	19.949	ug/l	97
86) p-Isopropyltoluene	13.292	119	256820	19.900	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	121218	19.238	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	118253	19.104	ug/l	95
89) n-Butylbenzene	13.615	91	259272	20.574	ug/l	97
90) Hexachloroethane	13.877	117	50360	20.040	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	105211	19.004	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7938	19.038	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	55086	17.744	ug/l	98
94) Hexachlorobutadiene	15.023	225	32094	18.595	ug/l	100
95) Naphthalene	15.145	128	95861	16.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44766	17.059	ug/l	97

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

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