

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019072.D
 Acq On : 15 Aug 2024 18:13
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:56:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	126628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	200923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	170231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	80619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	11898	9.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.740%#		
35) Dibromofluoromethane	7.616	113	12663	9.639	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.280%#		
50) Toluene-d8	10.097	98	46971	9.935	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.880%#		
62) 4-Bromofluorobenzene	12.402	95	15231	9.450	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	18.900%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	9047	9.738	ug/l	92
3) Chloromethane	2.062	50	18377	10.974	ug/l	99
4) Vinyl Chloride	2.196	62	22741	10.994	ug/l	97
5) Bromomethane	2.586	94	16313	7.944	ug/l	97
6) Chloroethane	2.726	64	14305	9.937	ug/l	92
7) Trichlorofluoromethane	3.043	101	34028	10.881	ug/l	97
8) Diethyl Ether	3.446	74	6951	10.297	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.799	101	15382	11.064	ug/l	98
10) Methyl Iodide	3.994	142	13127	9.633	ug/l	93
11) Tert butyl alcohol	4.830	59	8834	48.219	ug/l	99
12) 1,1-Dichloroethene	3.781	96	13389	10.600	ug/l	93
13) Acrolein	3.635	56	5229	38.150	ug/l	100
14) Allyl chloride	4.372	41	16954	10.095	ug/l	93
15) Acrylonitrile	5.037	53	12726	46.075	ug/l	96
16) Acetone	3.854	43	11041	46.902	ug/l #	86
17) Carbon Disulfide	4.092	76	36444	10.229	ug/l	98
18) Methyl Acetate	4.379	43	6867	9.505	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	28497	9.306	ug/l	93
20) Methylene Chloride	4.592	84	24435	8.155	ug/l	94
21) trans-1,2-Dichloroethene	5.098	96	14860	10.530	ug/l	91
22) Diisopropyl ether	6.006	45	37360	9.718	ug/l #	91
23) Vinyl Acetate	5.939	43	136869	44.968	ug/l	99
24) 1,1-Dichloroethane	5.891	63	24189	10.288	ug/l	98
25) 2-Butanone	6.878	43	16671	43.974	ug/l	93
26) 2,2-Dichloropropane	6.866	77	19423	10.202	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	16469	9.917	ug/l	95
28) Bromochloromethane	7.226	49	9925	10.064	ug/l	94
29) Tetrahydrofuran	7.250	42	10901	44.731	ug/l	87
30) Chloroform	7.409	83	26188	9.996	ug/l	98
31) Cyclohexane	7.689	56	22980	9.160	ug/l	97
32) 1,1,1-Trichloroethane	7.604	97	21949	9.533	ug/l	93
36) 1,1-Dichloropropene	7.817	75	19006	10.535	ug/l	97
37) Ethyl Acetate	6.963	43	7518	9.406	ug/l #	92
38) Carbon Tetrachloride	7.805	117	21112	10.098	ug/l	92
39) Methylcyclohexane	9.097	83	24271	10.484	ug/l	87
40) Benzene	8.067	78	55940	10.111	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	4139m	10.015	ug/l	
42) 1,2-Dichloroethane	8.152	62	14039	9.396	ug/l	99
43) Isopropyl Acetate	8.183	43	15121	9.355	ug/l	96
44) Trichloroethene	8.853	130	16049	10.396	ug/l	97
45) 1,2-Dichloropropane	9.134	63	12059	9.782	ug/l #	86
46) Dibromomethane	9.219	93	7592	9.495	ug/l	97
47) Bromodichloromethane	9.414	83	19124	9.749	ug/l	93
48) Methyl methacrylate	9.213	41	6302	8.748	ug/l #	85
49) 1,4-Dioxane	9.213	88	1894	195.553	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	38825	45.254	ug/l	91
52) Toluene	10.164	92	36457	10.038	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	14287	8.780	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	17940	9.167	ug/l	95
55) 1,1,2-Trichloroethane	10.567	97	9683	9.408	ug/l	86
56) Ethyl methacrylate	10.438	69	12086	8.971	ug/l #	87
57) 1,3-Dichloropropane	10.713	76	15843	9.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.701	63	28532	44.642	ug/l	99
59) 2-Hexanone	10.755	43	26359	44.720	ug/l	91
60) Dibromochloromethane	10.908	129	12886	9.192	ug/l	97
61) 1,2-Dibromoethane	11.012	107	9090	9.137	ug/l	98
64) Tetrachloroethene	10.640	164	15602	10.486	ug/l	99
65) Chlorobenzene	11.438	112	39597	10.102	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	13171	9.555	ug/l	98
67) Ethyl Benzene	11.518	91	67380	9.904	ug/l	97
68) m/p-Xylenes	11.627	106	53785	19.924	ug/l	99
69) o-Xylene	11.956	106	24842	9.937	ug/l	98
70) Styrene	11.969	104	39892	9.358	ug/l	98
71) Bromoform	12.133	173	6912	8.772	ug/l #	96
73) Isopropylbenzene	12.255	105	63329	10.249	ug/l	98
74) N-amyl acetate	12.072	43	11820	8.773	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	10731	9.755	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	9036m	11.800	ug/l	
77) Bromobenzene	12.530	156	15134	10.198	ug/l	95
78) n-propylbenzene	12.597	91	76851	10.404	ug/l	99
79) 2-Chlorotoluene	12.676	91	42604	10.288	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	51375	10.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	3092	9.605	ug/l	88
82) 4-Chlorotoluene	12.773	91	44180	10.254	ug/l	100
83) tert-Butylbenzene	12.993	119	46629	10.031	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	50831	10.132	ug/l	99
85) sec-Butylbenzene	13.176	105	69746	10.296	ug/l	100
86) p-Isopropyltoluene	13.292	119	57033	10.250	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	29405	10.048	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	29677	10.201	ug/l	97
89) n-Butylbenzene	13.615	91	51944	10.239	ug/l	98
90) Hexachloroethane	13.877	117	11103	10.124	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	26008	10.105	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1469	9.077	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	13519	9.314	ug/l	99
94) Hexachlorobutadiene	15.023	225	7283	9.633	ug/l	97
95) Naphthalene	15.139	128	22580	8.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	11247	9.187	ug/l	97

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

