

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018624.D
 Acq On : 18 Jun 2024 11:39
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Quant Time: Jun 19 01:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/19/2024
 Supervised By :Semsettin Yesilyurt 06/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	138541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	237620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	211561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63380	45.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.880%		
35) Dibromofluoromethane	7.703	113	66716	46.026	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.060%		
50) Toluene-d8	10.172	98	262957	47.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.340%		
62) 4-Bromofluorobenzene	12.477	95	81898	46.527	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	15257	16.721	ug/l	95
3) Chloromethane	2.101	50	33531	17.842	ug/l	95
4) Vinyl Chloride	2.235	62	41801	17.961	ug/l	98
5) Bromomethane	2.625	94	30092	17.396	ug/l	99
6) Chloroethane	2.777	64	26619	17.460	ug/l	96
7) Trichlorofluoromethane	3.101	101	49863	19.896	ug/l	99
8) Diethyl Ether	3.515	74	13632	19.077	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	24792	18.933	ug/l	97
10) Methyl Iodide	4.070	142	20614	13.533	ug/l	98
11) Tert butyl alcohol	4.942	59	9536	38.008	ug/l #	87
12) 1,1-Dichloroethene	3.850	96	22322	16.963	ug/l	97
13) Acrolein	3.710	56	5704	70.716	ug/l	94
14) Allyl chloride	4.454	41	31917	17.991	ug/l	93
15) Acrylonitrile	5.143	53	28105	88.411	ug/l	99
16) Acetone	3.936	43	25666	90.444	ug/l	92
17) Carbon Disulfide	4.167	76	47934	13.696	ug/l	98
18) Methyl Acetate	4.460	43	12183	16.926	ug/l #	88
19) Methyl tert-butyl Ether	5.204	73	60726	17.299	ug/l	98
20) Methylene Chloride	4.692	84	64176	33.791	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	24679	16.474	ug/l	96
22) Diisopropyl ether	6.094	45	79089	19.747	ug/l #	91
23) Vinyl Acetate	6.045	43	233616	75.874	ug/l	96
24) 1,1-Dichloroethane	5.996	63	47352	18.352	ug/l	93
25) 2-Butanone	6.972	43	38836	91.299	ug/l	91
26) 2,2-Dichloropropane	6.960	77	38388	17.659	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	31229	17.259	ug/l	95
28) Bromochloromethane	7.319	49	23073	21.817	ug/l	86
29) Tetrahydrofuran	7.338	42	24105	92.341	ug/l	90
30) Chloroform	7.490	83	51281	18.237	ug/l	96
31) Cyclohexane	7.777	56	39511	18.492	ug/l	90
32) 1,1,1-Trichloroethane	7.685	97	42883	17.951	ug/l	96
36) 1,1-Dichloropropene	7.905	75	34691	17.387	ug/l	95
37) Ethyl Acetate	7.063	43	16872	17.939	ug/l	99
38) Carbon Tetrachloride	7.892	117	36067	17.230	ug/l	95
39) Methylcyclohexane	9.173	83	41799	17.098	ug/l	95
40) Benzene	8.148	78	109264	17.707	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	9363	19.793	ug/l	88
42) 1,2-Dichloroethane	8.228	62	27953	17.364	ug/l	96
43) Isopropyl Acetate	8.264	43	32044	18.253	ug/l #	82
44) Trichloroethene	8.929	130	27639	17.108	ug/l	97
45) 1,2-Dichloropropane	9.209	63	26356	18.680	ug/l	98
46) Dibromomethane	9.295	93	15817	18.067	ug/l	91
47) Bromodichloromethane	9.490	83	38056	18.213	ug/l #	99
48) Methyl methacrylate	9.282	41	13964	17.669	ug/l	91
49) 1,4-Dioxane	9.288	88	3440	298.765	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	85467	92.427	ug/l	95
52) Toluene	10.240	92	71514	18.051	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	30823	16.880	ug/l	94
54) cis-1,3-Dichloropropene	9.922	75	39191	17.785	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	21194	18.201	ug/l	98
56) Ethyl methacrylate	10.508	69	26199	17.194	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	34829	18.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	68519	93.146	ug/l	98
59) 2-Hexanone	10.825	43	61113	94.352	ug/l	96
60) Dibromochloromethane	10.977	129	25305	17.494	ug/l	99
61) 1,2-Dibromoethane	11.081	107	18776	17.447	ug/l	99
64) Tetrachloroethene	10.715	164	26977	17.878	ug/l	98
65) Chlorobenzene	11.508	112	79067	18.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	25532	17.433	ug/l	99
67) Ethyl Benzene	11.587	91	138221	18.227	ug/l	98
68) m/p-Xylenes	11.697	106	109409	37.078	ug/l	98
69) o-Xylene	12.026	106	50849	17.920	ug/l	98
70) Styrene	12.038	104	85378	18.213	ug/l	99
71) Bromoform	12.203	173	13095	16.295	ug/l #	100
73) Isopropylbenzene	12.324	105	133607	17.716	ug/l	99
74) N-amyl acetate	12.142	43	29715	19.242	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.574	83	22734	16.978	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	17292m	17.850	ug/l	
77) Bromobenzene	12.605	156	30364	17.410	ug/l	98
78) n-propylbenzene	12.666	91	161835	18.337	ug/l	100
79) 2-Chlorotoluene	12.751	91	88087	17.681	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	107273	17.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	6432	17.391	ug/l #	85
82) 4-Chlorotoluene	12.849	91	89545	17.849	ug/l	98
83) tert-Butylbenzene	13.068	119	97487	17.623	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	105449	17.652	ug/l	98
85) sec-Butylbenzene	13.251	105	146656	18.588	ug/l	100
86) p-Isopropyltoluene	13.367	119	119292	17.835	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	59216	16.833	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	61488	17.812	ug/l	97
89) n-Butylbenzene	13.690	91	113348	18.801	ug/l	100
90) Hexachloroethane	13.958	117	21533	17.722	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	52203	17.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3150	16.246	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	28782	17.192	ug/l	97
94) Hexachlorobutadiene	15.104	225	15414	17.919	ug/l	93
95) Naphthalene	15.233	128	51363	16.417	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	25148	17.778	ug/l	99

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

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