

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019048.D
 Acq On : 14 Aug 2024 10:46
 Operator : SY/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 14 21:43:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	52346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	79575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	68310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	20534	44.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.360%		
35) Dibromofluoromethane	7.622	113	24034	47.289	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.580%		
50) Toluene-d8	10.103	98	86735	44.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.860%		
62) 4-Bromofluorobenzene	12.408	95	25235	43.571	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	87.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	7643	21.242	ug/l	88
3) Chloromethane	2.068	50	17391	18.412	ug/l	96
4) Vinyl Chloride	2.202	62	24700	20.485	ug/l	94
5) Bromomethane	2.580	94	21765	22.624	ug/l	91
6) Chloroethane	2.732	64	16483	20.329	ug/l	99
7) Trichlorofluoromethane	3.037	101	34265	21.322	ug/l	98
8) Diethyl Ether	3.446	74	4479	18.081	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.799	101	10078	20.073	ug/l	89
10) Methyl Iodide	3.994	142	10456	19.287	ug/l	98
11) Tert butyl alcohol	4.836	59	5299m	102.226	ug/l	
12) 1,1-Dichloroethene	3.781	96	9432	19.886	ug/l	94
13) Acrolein	3.641	56	4262	85.692	ug/l	99
14) Allyl chloride	4.372	41	11318	17.842	ug/l #	80
15) Acrylonitrile	5.043	53	8973	92.396	ug/l	94
16) Acetone	3.854	43	8949	85.162	ug/l #	77
17) Carbon Disulfide	4.092	76	26539	18.823	ug/l	97
18) Methyl Acetate	4.372	43	5212	20.404	ug/l #	80
19) Methyl tert-butyl Ether	5.098	73	20198	17.313	ug/l	95
20) Methylene Chloride	4.598	84	12710	20.165	ug/l #	83
21) trans-1,2-Dichloroethene	5.110	96	10797	20.574	ug/l	92
22) Diisopropyl ether	6.000	45	26350	19.054	ug/l #	76
23) Vinyl Acetate	5.945	43	110577	92.653	ug/l	96
24) 1,1-Dichloroethane	5.896	63	16277	19.186	ug/l	97
25) 2-Butanone	6.878	43	13951	93.752	ug/l	96
26) 2,2-Dichloropropane	6.872	77	13775	17.252	ug/l	95
27) cis-1,2-Dichloroethene	6.878	96	12462	19.847	ug/l	97
28) Bromochloromethane	7.238	49	7891	20.204	ug/l	90
29) Tetrahydrofuran	7.244	42	8097	92.279	ug/l	90
30) Chloroform	7.408	83	17597	19.391	ug/l	96
31) Cyclohexane	7.689	56	14371	17.542	ug/l	91
32) 1,1,1-Trichloroethane	7.610	97	16519	20.138	ug/l	94
36) 1,1-Dichloropropene	7.823	75	12859	18.848	ug/l	96
37) Ethyl Acetate	6.976	43	6061	19.437	ug/l	97
38) Carbon Tetrachloride	7.805	117	14514	18.555	ug/l	96
39) Methylcyclohexane	9.103	83	16596	18.072	ug/l	90
40) Benzene	8.073	78	39155	19.303	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	2734m	18.349	ug/l	
42) 1,2-Dichloroethane	8.146	62	9496	18.805	ug/l	95
43) Isopropyl Acetate	8.189	43	11721	18.482	ug/l #	76
44) Trichloroethene	8.853	130	11358	19.644	ug/l	87
45) 1,2-Dichloropropane	9.134	63	8308	18.304	ug/l	89
46) Dibromomethane	9.219	93	5776	19.695	ug/l	99
47) Bromodichloromethane	9.420	83	13816	20.131	ug/l	96
48) Methyl methacrylate	9.213	41	5201	18.773	ug/l #	75
49) 1,4-Dioxane	9.219	88	1253	361.633	ug/l #	86
51) 4-Methyl-2-Pentanone	9.993	43	31279	95.636	ug/l #	85
52) Toluene	10.170	92	25919	19.236	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	10962	17.911	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	12567	17.287	ug/l #	75
55) 1,1,2-Trichloroethane	10.566	97	6552	18.192	ug/l	92
56) Ethyl methacrylate	10.438	69	7936	16.274	ug/l #	57
57) 1,3-Dichloropropane	10.713	76	11109	18.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	22724	90.391	ug/l	96
59) 2-Hexanone	10.755	43	20845	88.849	ug/l	86
60) Dibromochloromethane	10.908	129	9251	19.159	ug/l	95
61) 1,2-Dibromoethane	11.011	107	6908	19.865	ug/l	98
64) Tetrachloroethene	10.646	164	11560	20.188	ug/l	92
65) Chlorobenzene	11.438	112	28481	18.989	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.517	131	9886	18.845	ug/l	97
67) Ethyl Benzene	11.517	91	46916	18.067	ug/l	95
68) m/p-Xylenes	11.627	106	39412	37.014	ug/l	93
69) o-Xylene	11.956	106	17938	18.253	ug/l	87
70) Styrene	11.969	104	29699	18.348	ug/l	99
71) Bromoform	12.133	173	5333	19.549	ug/l #	96
73) Isopropylbenzene	12.255	105	45667	18.174	ug/l	100
74) N-amyl acetate	12.072	43	10519	18.141	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.511	83	7798	19.230	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	4058m	15.735	ug/l	
77) Bromobenzene	12.529	156	11484	19.618	ug/l	89
78) n-propylbenzene	12.596	91	55225	18.568	ug/l	97
79) 2-Chlorotoluene	12.676	91	28881	18.757	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	34959	17.753	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.304	75	2072	16.555	ug/l #	73
82) 4-Chlorotoluene	12.773	91	28884	18.323	ug/l	90
83) tert-Butylbenzene	12.999	119	34980	18.806	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	35091	17.566	ug/l	89
85) sec-Butylbenzene	13.176	105	50061	18.581	ug/l	95
86) p-Isopropyltoluene	13.291	119	42267	18.117	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	22457	18.780	ug/l	95
88) 1,4-Dichlorobenzene	13.371	146	22870	19.611	ug/l	97
89) n-Butylbenzene	13.621	91	38368	18.737	ug/l	96
90) Hexachloroethane	13.877	117	8331	18.925	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	19535	19.870	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	933	16.726	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	10639	19.653	ug/l	98
94) Hexachlorobutadiene	15.029	225	5793	19.512	ug/l	93
95) Naphthalene	15.145	128	16987	17.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	9089	19.561	ug/l	97

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

