

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019559.D
 Acq On : 16 Sep 2024 11:33
 Operator : SY/MD
 Sample : VY0916SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

Quant Time: Sep 17 02:12:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	427997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	721476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	610175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	287271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189836	47.900	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.800%		
35) Dibromofluoromethane	7.634	113	193554	47.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.640%		
50) Toluene-d8	10.103	98	708521	46.828	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.660%		
62) 4-Bromofluorobenzene	12.408	95	252866	43.465	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	86.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	63835	25.262	ug/l	98
3) Chloromethane	2.074	50	75489	21.318	ug/l	97
4) Vinyl Chloride	2.208	62	87252	22.787	ug/l	98
5) Bromomethane	2.598	94	58615	24.922	ug/l	100
6) Chloroethane	2.739	64	59349	23.710	ug/l	99
7) Trichlorofluoromethane	3.062	101	144719	22.673	ug/l	98
8) Diethyl Ether	3.452	74	44436	20.740	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.812	101	88520	22.419	ug/l	96
10) Methyl Iodide	4.007	142	97188	19.198	ug/l	93
11) Tert butyl alcohol	4.854	59	32077	100.223	ug/l	# 72
12) 1,1-Dichloroethene	3.787	96	78835	20.761	ug/l	85
13) Acrolein	3.653	56	19229	117.187	ug/l	100
14) Allyl chloride	4.379	41	135536	19.903	ug/l	# 93
15) Acrylonitrile	5.061	53	96044	103.964	ug/l	98
16) Acetone	3.873	43	102661	108.732	ug/l	87
17) Carbon Disulfide	4.104	76	192173	18.731	ug/l	96
18) Methyl Acetate	4.385	43	42991	16.779	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	228427	21.240	ug/l	100
20) Methylene Chloride	4.610	84	92398	21.459	ug/l	# 91
21) trans-1,2-Dichloroethene	5.110	96	86287	20.731	ug/l	88
22) Diisopropyl ether	6.012	45	295342	21.120	ug/l	91
23) Vinyl Acetate	5.958	43	840016	105.168	ug/l	95
24) 1,1-Dichloroethane	5.915	63	169435	21.593	ug/l	98
25) 2-Butanone	6.890	43	138762	103.335	ug/l	89
26) 2,2-Dichloropropane	6.878	77	155339	21.946	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	109273	21.613	ug/l	90
28) Bromochloromethane	7.244	49	58316	17.663	ug/l	86
29) Tetrahydrofuran	7.262	42	78427	96.056	ug/l	88
30) Chloroform	7.415	83	177740	22.189	ug/l	99
31) Cyclohexane	7.701	56	142121	20.038	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	158859	22.125	ug/l	98
36) 1,1-Dichloropropene	7.835	75	118776	21.339	ug/l	96
37) Ethyl Acetate	6.982	43	57794	20.265	ug/l	96
38) Carbon Tetrachloride	7.817	117	137271	21.869	ug/l	98
39) Methylcyclohexane	9.109	83	151417	20.441	ug/l	93
40) Benzene	8.079	78	366793	21.395	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	31341	18.852	ug/l	90
42) 1,2-Dichloroethane	8.158	62	103139	22.357	ug/l	96
43) Isopropyl Acetate	8.195	43	120636	20.134	ug/l	92
44) Trichloroethene	8.866	130	94320	21.392	ug/l	94
45) 1,2-Dichloropropane	9.140	63	89065	21.250	ug/l	99
46) Dibromomethane	9.231	93	50001	21.815	ug/l	95
47) Bromodichloromethane	9.420	83	135971	22.069	ug/l	97
48) Methyl methacrylate	9.219	41	54805	19.369	ug/l	85
49) 1,4-Dioxane	9.238	88	10806	400.488	ug/l #	84
51) 4-Methyl-2-Pentanone	10.000	43	299654	99.407	ug/l	93
52) Toluene	10.170	92	236043	21.408	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	122988	20.941	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	144103	21.071	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	67949	21.468	ug/l	97
56) Ethyl methacrylate	10.439	69	96206	20.009	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	116008	21.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	194748	87.269	ug/l	97
59) 2-Hexanone	10.762	43	225718	102.137	ug/l	88
60) Dibromochloromethane	10.914	129	89463	21.367	ug/l	100
61) 1,2-Dibromoethane	11.018	107	62992	21.359	ug/l	97
64) Tetrachloroethene	10.646	164	79715	21.097	ug/l	93
65) Chlorobenzene	11.438	112	263715	21.972	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	90230	21.712	ug/l	99
67) Ethyl Benzene	11.518	91	463836	21.749	ug/l	100
68) m/p-Xylenes	11.627	106	349451	43.335	ug/l	93
69) o-Xylene	11.957	106	170187	21.580	ug/l	94
70) Styrene	11.969	104	285385	21.433	ug/l	97
71) Bromoform	12.133	173	49876	21.013	ug/l #	97
73) Isopropylbenzene	12.255	105	456327	21.896	ug/l	99
74) N-amyl acetate	12.072	43	113840	20.085	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	76705	20.736	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	56499m	20.983	ug/l	
77) Bromobenzene	12.530	156	97335	21.058	ug/l	90
78) n-propylbenzene	12.597	91	544373	22.038	ug/l	100
79) 2-Chlorotoluene	12.682	91	312395	21.701	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	370930	21.893	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	27216	19.404	ug/l	92
82) 4-Chlorotoluene	12.780	91	321689	21.736	ug/l	97
83) tert-Butylbenzene	12.999	119	347647	22.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	365275	21.780	ug/l	98
85) sec-Butylbenzene	13.176	105	492961	22.124	ug/l	99
86) p-Isopropyltoluene	13.292	119	405521	22.244	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	197258	21.963	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	195513	21.935	ug/l	97
89) n-Butylbenzene	13.615	91	387123	22.213	ug/l	100
90) Hexachloroethane	13.877	117	81931	21.599	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	175055	21.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12517	20.303	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	98947	20.299	ug/l	97
94) Hexachlorobutadiene	15.023	225	54860	21.067	ug/l	99
95) Naphthalene	15.139	128	185413	18.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	82137	19.699	ug/l	97

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

