

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017952.D
 Acq On : 17 Apr 2024 10:48
 Operator : SY/MD
 Sample : VY0417SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0417SBS01

Quant Time: Apr 18 02:48:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/18/2024
 Supervised By :Semsettin Yesilyurt 04/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	403462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	637014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	554819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	269454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	186520	53.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.840%			
35) Dibromofluoromethane	7.716	113	209110	53.209	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.420%			
50) Toluene-d8	10.179	98	805466	54.013	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.483	95	249719	54.070	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73922	23.095	ug/l	99
3) Chloromethane	2.107	50	119065	22.450	ug/l	99
4) Vinyl Chloride	2.247	62	134456	22.492	ug/l	98
5) Bromomethane	2.631	94	88838	22.327	ug/l	98
6) Chloroethane	2.784	64	83375	22.092	ug/l	98
7) Trichlorofluoromethane	3.113	101	153346	22.762	ug/l	98
8) Diethyl Ether	3.527	74	48306	22.691	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	93361	22.253	ug/l	98
10) Methyl Iodide	4.082	142	131199	23.506	ug/l	98
11) Tert butyl alcohol	4.942	59	31608	118.850	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	90501	22.221	ug/l	95
13) Acrolein	3.716	56	36239	133.272	ug/l	99
14) Allyl chloride	4.472	41	118231	22.432	ug/l	95
15) Acrylonitrile	5.149	53	98996	114.530	ug/l	99
16) Acetone	3.936	43	72352	104.878	ug/l	92
17) Carbon Disulfide	4.186	76	291333	22.486	ug/l	100
18) Methyl Acetate	4.472	43	40148	22.122	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	198716	22.388	ug/l	100
20) Methylene Chloride	4.704	84	141678	30.313	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	98630	22.106	ug/l	94
22) Diisopropyl ether	6.112	45	264809	22.918	ug/l	97
23) Vinyl Acetate	6.051	43	787755	114.971	ug/l	99
24) 1,1-Dichloroethane	6.009	63	170193	22.559	ug/l	98
25) 2-Butanone	6.978	43	114246	112.666	ug/l	93
26) 2,2-Dichloropropane	6.972	77	135369	22.365	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	112072	21.994	ug/l	98
28) Bromochloromethane	7.332	49	63894	21.531	ug/l	97
29) Tetrahydrofuran	7.350	42	76105	118.268	ug/l	95
30) Chloroform	7.502	83	171126	22.194	ug/l	97
31) Cyclohexane	7.783	56	147819	22.150	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	143379	22.327	ug/l	98
36) 1,1-Dichloropropene	7.911	75	127682	22.340	ug/l	98
37) Ethyl Acetate	7.069	43	56319	23.951	ug/l	99
38) Carbon Tetrachloride	7.899	117	130085	22.529	ug/l	97
39) Methylcyclohexane	9.185	83	162538	21.823	ug/l	96
40) Benzene	8.155	78	400503	22.372	ug/l	98

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41) Methacrylonitrile	7.332	41	39464m	26.597	ug/l	
42) 1,2-Dichloroethane	8.234	62	92478	22.545	ug/l	100
43) Isopropyl Acetate	8.270	43	97682	22.285	ug/l	98
44) Trichloroethene	8.941	130	101089	22.221	ug/l	98
45) 1,2-Dichloropropane	9.215	63	92024	22.331	ug/l	100
46) Dibromomethane	9.307	93	51838	22.741	ug/l	99
47) Bromodichloromethane	9.496	83	125932	22.020	ug/l	97
48) Methyl methacrylate	9.295	41	44636	22.223	ug/l	99
49) 1,4-Dioxane	9.295	88	11622	446.612	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	262573	113.000	ug/l	99
52) Toluene	10.246	92	246572	22.445	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	114919	22.011	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	141484	22.059	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	70388	22.715	ug/l	98
56) Ethyl methacrylate	10.508	69	88262	21.849	ug/l	97
57) 1,3-Dichloropropane	10.788	76	117753	22.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	232763	110.848	ug/l	99
59) 2-Hexanone	10.831	43	180376	113.716	ug/l	98
60) Dibromochloromethane	10.983	129	88165	22.138	ug/l	99
61) 1,2-Dibromoethane	11.087	107	64974	22.499	ug/l	99
64) Tetrachloroethene	10.721	164	88219	22.196	ug/l	98
65) Chlorobenzene	11.514	112	270242	22.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	88884	22.168	ug/l	100
67) Ethyl Benzene	11.593	91	453310	22.140	ug/l	98
68) m/p-Xylenes	11.703	106	357084	45.409	ug/l	99
69) o-Xylene	12.032	106	161487	21.990	ug/l	98
70) Styrene	12.044	104	279993	22.559	ug/l	99
71) Bromoform	12.209	173	51441	22.205	ug/l #	97
73) Isopropylbenzene	12.331	105	427386	21.768	ug/l	100
74) N-amyl acetate	12.142	43	87290	22.024	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	81073	22.140	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47894m	18.942	ug/l	
77) Bromobenzene	12.611	156	102719	21.619	ug/l	99
78) n-propylbenzene	12.672	91	527655	22.150	ug/l	99
79) 2-Chlorotoluene	12.757	91	288474	21.635	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	340732	21.886	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	26222	21.382	ug/l	97
82) 4-Chlorotoluene	12.855	91	295634	21.408	ug/l	97
83) tert-Butylbenzene	13.075	119	303928	21.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	342721	22.105	ug/l	99
85) sec-Butylbenzene	13.257	105	463848	21.718	ug/l	98
86) p-Isopropyltoluene	13.373	119	385083	21.942	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	200506	21.269	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	198374	21.435	ug/l	99
89) n-Butylbenzene	13.696	91	360232	21.818	ug/l	100
90) Hexachloroethane	13.958	117	77296	21.479	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	173738	21.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10069	21.377	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	96555	20.386	ug/l	99
94) Hexachlorobutadiene	15.111	225	58495	20.819	ug/l	98
95) Naphthalene	15.239	128	156584	20.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	82612	20.787	ug/l	98

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

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