

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009093.D
 Acq On : 25 May 2022 16:29
 Operator : KP/MD
 Sample : N2948-25MS
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MS

Quant Time: May 26 04:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/26/2022
 Supervised By :Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	87042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34202	38.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.360%		
35) Dibromofluoromethane	7.710	113	34687	39.091	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.180%		
50) Toluene-d8	10.179	98	97351	29.739	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	59.480%		
62) 4-Bromofluorobenzene	12.477	95	40463	30.642	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	61.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21747	27.317	ug/l	97
3) Chloromethane	2.113	50	46036	40.364	ug/l	98
4) Vinyl Chloride	2.247	62	63830	37.776	ug/l	98
5) Bromomethane	2.644	94	59801	36.105	ug/l	98
6) Chloroethane	2.790	64	43642	36.457	ug/l	93
7) Trichlorofluoromethane	3.119	101	41394	28.847	ug/l	96
8) Diethyl Ether	3.521	74	14491	32.296	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	20259	22.971	ug/l	95
10) Methyl Iodide	4.088	142	21013	23.074	ug/l	94
11) Tert butyl alcohol	4.942	59	13490	148.461	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	23829	29.106	ug/l	87
13) Acrolein	3.729	56	2130	71.216	ug/l	96
14) Allyl chloride	4.473	41	36782	29.812	ug/l #	82
15) Acrylonitrile	5.155	53	42905	170.783	ug/l	99
16) Acetone	3.942	43	41177	220.822	ug/l	90
17) Carbon Disulfide	4.192	76	77681	29.043	ug/l	99
18) Methyl Acetate	4.473	43	39792	68.528	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	75819	30.854	ug/l	93
20) Methylene Chloride	4.710	84	38241	34.151	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	31413	29.894	ug/l	85
22) Diisopropyl ether	6.112	45	86963	29.338	ug/l	94
23) Vinyl Acetate	6.058	43	176283	89.907	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	53434	30.139	ug/l	99
25) 2-Butanone	6.984	43	57667	173.144	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	47906	29.334	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	36239	30.593	ug/l	86
28) Bromochloromethane	7.332	49	27465	45.134	ug/l #	94
29) Tetrahydrofuran	7.344	42	36468	161.192	ug/l	90
30) Chloroform	7.502	83	57956	30.284	ug/l	95
31) Cyclohexane	7.783	56	35749	20.399	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	44619	25.698	ug/l	99
36) 1,1-Dichloropropene	7.917	75	38810	25.701	ug/l	99
37) Ethyl Acetate	7.070	43	18931	24.168	ug/l	100
38) Carbon Tetrachloride	7.899	117	37853	23.962	ug/l	99
39) Methylcyclohexane	9.179	83	36854	18.907	ug/l	89
40) Benzene	8.155	78	125491	28.819	ug/l	97

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41) Methacrylonitrile	7.301	41	13371m	33.079	ug/l	
42) 1,2-Dichloroethane	8.234	62	41767	32.665	ug/l	93
43) Isopropyl Acetate	8.271	43	38636	26.527	ug/l #	91
44) Trichloroethene	8.935	130	30318	26.295	ug/l	96
45) 1,2-Dichloropropane	9.216	63	31184	29.825	ug/l	97
46) Dibromomethane	9.301	93	21390	32.173	ug/l	91
47) Bromodichloromethane	9.490	83	46353	30.507	ug/l	91
48) Methyl methacrylate	9.289	41	22727	34.945	ug/l #	82
49) 1,4-Dioxane	9.301	88	5615	631.796	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	126410	156.821	ug/l	94
52) Toluene	10.240	92	73648	24.202	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	47721	29.576	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	52710	30.388	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	27431	29.491	ug/l	98
56) Ethyl methacrylate	10.508	69	27981	23.530	ug/l	90
57) 1,3-Dichloropropane	10.788	76	46767	30.823	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	92553	179.898	ug/l	96
59) 2-Hexanone	10.831	43	90841	164.597	ug/l	92
60) Dibromochloromethane	10.984	129	32207	28.564	ug/l	100
61) 1,2-Dibromoethane	11.087	107	26692	28.959	ug/l	97
64) Tetrachloroethene	10.715	164	24707	24.798	ug/l	95
65) Chlorobenzene	11.514	112	76743	24.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	29761	25.870	ug/l	96
67) Ethyl Benzene	11.593	91	127529	22.524	ug/l	99
68) m/p-Xylenes	11.697	106	101137	44.002	ug/l	92
69) o-Xylene	12.026	106	48629	22.783	ug/l	90
70) Styrene	12.044	104	85696	23.347	ug/l	96
71) Bromoform	12.203	173	19605	25.708	ug/l #	100
73) Isopropylbenzene	12.331	105	114743	21.905	ug/l	99
74) N-amyl acetate	12.142	43	26645	22.047	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	33256	30.820	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	23051m	30.641	ug/l	
77) Bromobenzene	12.605	156	30530	25.143	ug/l	97
78) n-propylbenzene	12.666	91	141488	23.379	ug/l	100
79) 2-Chlorotoluene	12.752	91	80001	22.917	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	97154	22.128	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	11567	31.559	ug/l	95
82) 4-Chlorotoluene	12.849	91	86191	23.084	ug/l	97
83) tert-Butylbenzene	13.075	119	82336	21.138	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	97541	22.380	ug/l	98
85) sec-Butylbenzene	13.251	105	124263	20.851	ug/l	99
86) p-Isopropyltoluene	13.367	119	102011	20.526	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	57190	22.079	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	58215	22.371	ug/l	99
89) n-Butylbenzene	13.696	91	94830	20.857	ug/l	97
90) Hexachloroethane	13.959	117	21135	22.693	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	52200	22.830	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4948	29.536	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	24990	19.915	ug/l	99
94) Hexachlorobutadiene	15.111	225	12190	17.824	ug/l	98
95) Naphthalene	15.233	128	54743	21.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22382	20.526	ug/l	98

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

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