

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009094.D
 Acq On : 25 May 2022 16:51
 Operator : KP/MD
 Sample : N2948-26MSD
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 26 04:30:11 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	7.789	168	82254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43694	51.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.220%			
35) Dibromofluoromethane	7.716	113	46420	53.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.179	98	141436	43.780	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.560%			
62) 4-Bromofluorobenzene	12.477	95	74501	57.167	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38750	51.508	ug/l	99
3) Chloromethane	2.113	50	67614	62.734	ug/l	99
4) Vinyl Chloride	2.247	62	100568	62.982	ug/l	100
5) Bromomethane	2.637	94	82559	52.746	ug/l	99
6) Chloroethane	2.783	64	67652	59.805	ug/l	98
7) Trichlorofluoromethane	3.119	101	70788	52.203	ug/l	94
8) Diethyl Ether	3.527	74	23464	55.338	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	43463	52.151	ug/l	93
10) Methyl Iodide	4.082	142	45689	53.091	ug/l	93
11) Tert butyl alcohol	4.954	59	20360	237.110	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	39365	50.881	ug/l	91
13) Acrolein	3.722	56	2683	94.927	ug/l	95
14) Allyl chloride	4.472	41	60734	52.090	ug/l #	84
15) Acrylonitrile	5.155	53	64580	272.024	ug/l	97
16) Acetone	3.942	43	61539	349.228	ug/l	92
17) Carbon Disulfide	4.192	76	128236	50.735	ug/l	99
18) Methyl Acetate	4.472	43	41527	75.679	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	124828	53.755	ug/l	96
20) Methylene Chloride	4.704	84	55338	57.408	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	51531	51.893	ug/l	84
22) Diisopropyl ether	6.112	45	154214	55.055	ug/l	94
23) Vinyl Acetate	6.057	43	411439	222.054	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	89576	53.466	ug/l	99
25) 2-Butanone	6.984	43	89688	284.961	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	82943	53.744	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	58574	52.326	ug/l	89
28) Bromochloromethane	7.331	49	31527	54.824	ug/l	95
29) Tetrahydrofuran	7.338	42	55774	260.876	ug/l #	87
30) Chloroform	7.502	83	96363	53.283	ug/l	98
31) Cyclohexane	7.783	56	77721	46.930	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	86014	52.423	ug/l	98
36) 1,1-Dichloropropene	7.917	75	74872	50.240	ug/l	98
37) Ethyl Acetate	7.069	43	36175	46.795	ug/l	98
38) Carbon Tetrachloride	7.898	117	76708	49.204	ug/l	99
39) Methylcyclohexane	9.185	83	90262	46.922	ug/l	89
40) Benzene	8.161	78	218373	50.815	ug/l	97

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41) Methacrylonitrile	7.301	41	17607m	44.137	ug/l	
42) 1,2-Dichloroethane	8.234	62	67131	53.198	ug/l	93
43) Isopropyl Acetate	8.270	43	72509	50.444	ug/l #	91
44) Trichloroethene	8.935	130	55723	48.971	ug/l	96
45) 1,2-Dichloropropane	9.215	63	55802	54.078	ug/l	95
46) Dibromomethane	9.301	93	34904	53.197	ug/l	92
47) Bromodichloromethane	9.496	83	80408	53.622	ug/l	99
48) Methyl methacrylate	9.295	41	34137	53.185	ug/l #	79
49) 1,4-Dioxane	9.288	88	9625	1097.371	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	208655	262.287	ug/l	93
52) Toluene	10.239	92	153335	51.057	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	85439	53.655	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	92608	54.098	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	47073	51.280	ug/l	99
56) Ethyl methacrylate	10.508	69	60251	51.338	ug/l	87
57) 1,3-Dichloropropane	10.788	76	80477	53.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	146383	288.306	ug/l	97
59) 2-Hexanone	10.831	43	151373	277.916	ug/l	91
60) Dibromochloromethane	10.983	129	57387	51.572	ug/l	98
61) 1,2-Dibromoethane	11.087	107	46869	51.525	ug/l	98
64) Tetrachloroethene	10.715	164	54752	53.398	ug/l	97
65) Chlorobenzene	11.514	112	161200	49.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	62109	52.460	ug/l	97
67) Ethyl Benzene	11.593	91	300580	51.585	ug/l	98
68) m/p-Xylenes	11.703	106	253299	107.083	ug/l	91
69) o-Xylene	12.026	106	118465	53.931	ug/l	91
70) Styrene	12.044	104	209970	55.584	ug/l	94
71) Bromoform	12.203	173	40082	51.070	ug/l #	98
73) Isopropylbenzene	12.331	105	314033	45.837	ug/l	100
74) N-amyl acetate	12.142	43	72149	45.644	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	64396	45.629	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	45898m	46.648	ug/l	
77) Bromobenzene	12.605	156	72559	45.688	ug/l	96
78) n-propylbenzene	12.672	91	400763	50.630	ug/l	100
79) 2-Chlorotoluene	12.757	91	216324	47.379	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	277978	48.407	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	22673	47.296	ug/l	89
82) 4-Chlorotoluene	12.849	91	242624	49.683	ug/l	98
83) tert-Butylbenzene	13.074	119	241111	47.327	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	285422	50.069	ug/l	98
85) sec-Butylbenzene	13.251	105	383101	49.148	ug/l	99
86) p-Isopropyltoluene	13.367	119	326354	50.207	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	166924	49.272	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	164516	48.336	ug/l	99
89) n-Butylbenzene	13.696	91	294924	49.595	ug/l	99
90) Hexachloroethane	13.958	117	58273	47.838	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	150050	50.175	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10145	46.301	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	71136	43.343	ug/l	100
94) Hexachlorobutadiene	15.111	225	37828	42.288	ug/l	99
95) Naphthalene	15.232	128	149839	45.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	62063	43.516	ug/l	100

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

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