

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008881.D
 Acq On : 19 May 2022 20:28
 Operator : KP/MD
 Sample : N2868-17MS
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P022-SS002-0006-01MS

Quant Time: May 20 02:54:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51103	61.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.980%			
35) Dibromofluoromethane	7.716	113	44164	49.225	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.460%			
50) Toluene-d8	10.179	98	174517	44.157	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.320%			
62) 4-Bromofluorobenzene	12.483	95	51896	37.409	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28612	51.538	ug/l	91
3) Chloromethane	2.113	50	48334	62.163	ug/l	97
4) Vinyl Chloride	2.247	62	74041	63.022	ug/l	100
5) Bromomethane	2.650	94	65457	63.255	ug/l	98
6) Chloroethane	2.790	64	53751	59.204	ug/l	94
7) Trichlorofluoromethane	3.125	101	63264	53.027	ug/l	99
8) Diethyl Ether	3.528	74	23092	58.180	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	37357	50.682	ug/l	93
10) Methyl Iodide	4.095	142	29236	31.502	ug/l	92
11) Tert butyl alcohol	4.942	59	23318	253.882	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	34844	45.841	ug/l	88
13) Acrolein	3.729	56	1083	23.836	ug/l	96
14) Allyl chloride	4.479	41	58173	52.030	ug/l #	90
15) Acrylonitrile	5.155	53	63245	234.984	ug/l	98
16) Acetone	3.942	43	56083	308.818	ug/l	91
17) Carbon Disulfide	4.192	76	91250	46.492	ug/l	98
18) Methyl Acetate	4.473	43	76521	137.860	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	129841	63.425	ug/l	92
20) Methylene Chloride	4.716	84	49206	58.573	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	44056	47.270	ug/l	84
22) Diisopropyl ether	6.113	45	139671	58.988	ug/l #	89
23) Vinyl Acetate	6.119	43	89198	53.429	ug/l #	77
24) 1,1-Dichloroethane	6.015	63	85887	54.666	ug/l	99
25) 2-Butanone	6.984	43	94566	271.157	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	73467	49.198	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	54093	52.329	ug/l	88
28) Bromochloromethane	7.332	49	37705	63.300	ug/l #	94
29) Tetrahydrofuran	7.344	42	63723	274.287	ug/l #	87
30) Chloroform	7.503	83	90738	53.866	ug/l	99
31) Cyclohexane	7.783	56	60947	46.194	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	78541	50.289	ug/l	99
36) 1,1-Dichloropropene	7.917	75	61750	42.973	ug/l	98
37) Ethyl Acetate	7.076	43	13910	16.244	ug/l #	81
38) Carbon Tetrachloride	7.899	117	66905	43.445	ug/l	95
39) Methylcyclohexane	9.179	83	60450	35.474	ug/l	87
40) Benzene	8.161	78	195618	48.652	ug/l	96

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41) Methacrylonitrile	7.320	41	15086m	33.500	ug/l	
42) 1,2-Dichloroethane	8.234	62	65828	55.775	ug/l	91
43) Isopropyl Acetate	8.271	43	46761	32.803	ug/l #	89
44) Trichloroethene	8.941	130	48283	44.145	ug/l	96
45) 1,2-Dichloropropane	9.216	63	51236	53.619	ug/l	92
46) Dibromomethane	9.307	93	34278	54.591	ug/l	94
47) Bromodichloromethane	9.496	83	76603	55.031	ug/l	98
48) Methyl methacrylate	9.295	41	41611	66.479	ug/l #	83
49) 1,4-Dioxane	9.295	88	10083	1069.094	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	236061	280.512	ug/l	92
52) Toluene	10.246	92	131662	48.190	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	76441	52.869	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	79379	50.912	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	48095	56.327	ug/l	98
56) Ethyl methacrylate	10.508	69	32149	31.034	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	77478	55.185	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	163202	308.941	ug/l	95
59) 2-Hexanone	10.831	43	153108	254.635	ug/l	89
60) Dibromochloromethane	10.984	129	55704	54.344	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44567	52.339	ug/l	98
64) Tetrachloroethene	10.721	164	45297	50.215	ug/l	95
65) Chlorobenzene	11.514	112	130293	45.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	55494	53.260	ug/l	97
67) Ethyl Benzene	11.593	91	237146	46.561	ug/l	100
68) m/p-Xylenes	11.703	106	194020	95.620	ug/l	89
69) o-Xylene	12.032	106	92489	49.332	ug/l	92
70) Styrene	12.044	104	151334	47.683	ug/l	95
71) Bromoform	12.209	173	35799	50.612	ug/l #	100
73) Isopropylbenzene	12.331	105	226366	50.948	ug/l	100
74) N-amyl acetate	12.148	43	12325	11.621	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	61840	62.606	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	47321m	63.234	ug/l	
77) Bromobenzene	12.611	156	53996	52.448	ug/l	97
78) n-propylbenzene	12.672	91	261039	47.823	ug/l	99
79) 2-Chlorotoluene	12.758	91	144628	48.919	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	180971	50.447	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	18740	54.774	ug/l	88
82) 4-Chlorotoluene	12.855	91	152280	48.756	ug/l	98
83) tert-Butylbenzene	13.075	119	158909	49.255	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	182019	51.253	ug/l	97
85) sec-Butylbenzene	13.258	105	226499	44.998	ug/l	99
86) p-Isopropyltoluene	13.367	119	182626	44.497	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93674	43.303	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	94300	44.072	ug/l	100
89) n-Butylbenzene	13.697	91	144493	37.090	ug/l	98
90) Hexachloroethane	13.965	117	34960	45.053	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	86902	45.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9170	54.295	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	30643	29.664	ug/l	99
94) Hexachlorobutadiene	15.111	225	14619	24.593	ug/l	98
95) Naphthalene	15.239	128	86244	37.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27014	29.768	ug/l	99

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

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