

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009702.D
 Acq On : 26 Jul 2022 16:03
 Operator : KP/MD
 Sample : VY0726SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 04:26:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	227662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	74948	49.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.800%		
35) Dibromofluoromethane	7.710	113	85977	45.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.640%		
50) Toluene-d8	10.173	98	252740	45.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	91.800%		
62) 4-Bromofluorobenzene	12.477	95	123728	49.726	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	99.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40925	20.192	ug/l	100
3) Chloromethane	2.107	50	54399	21.922	ug/l	96
4) Vinyl Chloride	2.241	62	58809	21.236	ug/l	100
5) Bromomethane	2.631	94	41936	21.844	ug/l	98
6) Chloroethane	2.778	64	34873	21.051	ug/l	95
7) Trichlorofluoromethane	3.107	101	75503	20.639	ug/l	93
8) Diethyl Ether	3.522	74	24419	20.594	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	42497	20.543	ug/l	95
10) Methyl Iodide	4.076	142	48216	17.963	ug/l	89
11) Tert butyl alcohol	4.948	59	25144	111.816	ug/l	99
12) 1,1-Dichloroethene	3.863	96	40355	20.750	ug/l	82
13) Acrolein	3.717	56	4728	125.881	ug/l	97
14) Allyl chloride	4.466	41	61061	19.969	ug/l #	91
15) Acrylonitrile	5.155	53	58464	102.374	ug/l	97
16) Acetone	3.936	43	51012	93.715	ug/l #	88
17) Carbon Disulfide	4.180	76	128328	21.446	ug/l	100
18) Methyl Acetate	4.460	43	29022	19.952	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	107569	20.254	ug/l	96
20) Methylene Chloride	4.704	84	76610	24.350	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	46676	20.655	ug/l	85
22) Diisopropyl ether	6.113	45	133120	20.442	ug/l	92
23) Vinyl Acetate	6.052	43	420417	100.569	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	76721	20.329	ug/l	98
25) 2-Butanone	6.972	43	77537	96.559	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	71653	19.972	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	50998	20.118	ug/l	87
28) Bromochloromethane	7.326	49	26482	19.466	ug/l #	81
29) Tetrahydrofuran	7.338	42	51943	102.147	ug/l	91
30) Chloroform	7.496	83	80009	20.265	ug/l	98
31) Cyclohexane	7.777	56	71581	19.761	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	71850	20.275	ug/l	96
36) 1,1-Dichloropropene	7.911	75	63276	20.723	ug/l	97
37) Ethyl Acetate	7.064	43	36694	20.276	ug/l #	95
38) Carbon Tetrachloride	7.893	117	66716	20.391	ug/l	97
39) Methylcyclohexane	9.179	83	74437	19.680	ug/l	89
40) Benzene	8.155	78	182438	20.165	ug/l	98

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41) Methacrylonitrile	7.301	41	15474m	16.783	ug/l	
42) 1,2-Dichloroethane	8.228	62	51628	20.468	ug/l	90
43) Isopropyl Acetate	8.265	43	61770	19.537	ug/l #	91
44) Trichloroethene	8.935	130	52110	20.079	ug/l	99
45) 1,2-Dichloropropane	9.210	63	44687	20.344	ug/l	95
46) Dibromomethane	9.301	93	26885	20.572	ug/l	96
47) Bromodichloromethane	9.490	83	59063	19.673	ug/l	100
48) Methyl methacrylate	9.289	41	27583	19.839	ug/l #	87
49) 1,4-Dioxane	9.295	88	7037	419.888	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	156475	97.283	ug/l	92
52) Toluene	10.240	92	112863	19.917	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	59105	19.063	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	67154	18.858	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	35929	19.444	ug/l	97
56) Ethyl methacrylate	10.508	69	42732	18.563	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	56867	18.923	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.777	63	67404	75.577	ug/l #	88
59) 2-Hexanone	10.831	43	97847	85.359	ug/l	88
60) Dibromochloromethane	10.984	129	43565	19.493	ug/l	100
61) 1,2-Dibromoethane	11.087	107	36683	20.380	ug/l	99
64) Tetrachloroethene	10.715	164	47711	19.348	ug/l	98
65) Chlorobenzene	11.514	112	125897	20.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	48053	20.575	ug/l	97
67) Ethyl Benzene	11.587	91	218777	20.168	ug/l	97
68) m/p-Xylenes	11.703	106	177619	41.247	ug/l	90
69) o-Xylene	12.026	106	80818	20.069	ug/l	93
70) Styrene	12.038	104	137842	20.366	ug/l	94
71) Bromoform	12.203	173	30011	20.123	ug/l #	100
73) Isopropylbenzene	12.325	105	212615	19.857	ug/l	100
74) N-amyl acetate	12.142	43	55231	19.971	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	43174	20.500	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	29217m	19.529	ug/l	
77) Bromobenzene	12.605	156	54719	20.578	ug/l	88
78) n-propylbenzene	12.666	91	259065	20.360	ug/l	98
79) 2-Chlorotoluene	12.752	91	146399	20.330	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	177789	20.035	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	14943	19.909	ug/l	87
82) 4-Chlorotoluene	12.849	91	151461	20.218	ug/l	95
83) tert-Butylbenzene	13.075	119	155508	19.500	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	178367	19.942	ug/l	97
85) sec-Butylbenzene	13.251	105	229703	19.618	ug/l	99
86) p-Isopropyltoluene	13.367	119	194670	19.658	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	108057	20.126	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	105941	19.594	ug/l	98
89) n-Butylbenzene	13.697	91	175542	19.348	ug/l	99
90) Hexachloroethane	13.959	117	37319	19.157	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	94783	19.767	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7144	20.187	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	55556	18.357	ug/l	98
94) Hexachlorobutadiene	15.111	225	33388	18.221	ug/l	97
95) Naphthalene	15.233	128	106638	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49943	18.868	ug/l	99

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

