

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009768.D
 Acq On : 29 Jul 2022 13:31
 Operator : KP/MD
 Sample : VY0729SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0729SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 01:11:28 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	165440	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	248365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54537	49.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.940%		
35) Dibromofluoromethane	7.710	113	62005	45.903	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.800%		
50) Toluene-d8	10.173	98	198418	50.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	100.960%		
62) 4-Bromofluorobenzene	12.477	95	86343	48.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	96.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	30117	20.448	ug/l	98
3) Chloromethane	2.107	50	43003	23.847	ug/l	99
4) Vinyl Chloride	2.241	62	46879	23.295	ug/l	98
5) Bromomethane	2.631	94	34490	24.722	ug/l	94
6) Chloroethane	2.778	64	30583	25.404	ug/l	99
7) Trichlorofluoromethane	3.113	101	55609	20.918	ug/l	96
8) Diethyl Ether	3.521	74	17094	19.838	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	30583	20.344	ug/l	95
10) Methyl Iodide	4.076	142	36336	18.629	ug/l	91
11) Tert butyl alcohol	4.948	59	18543	113.487	ug/l	99
12) 1,1-Dichloroethene	3.857	96	28151	19.919	ug/l	83
13) Acrolein	3.717	56	3548	130.453	ug/l	100
14) Allyl chloride	4.466	41	43101	19.397	ug/l	# 92
15) Acrylonitrile	5.149	53	43304	104.347	ug/l	98
16) Acetone	3.936	43	37642	95.161	ug/l	91
17) Carbon Disulfide	4.180	76	87025	20.013	ug/l	98
18) Methyl Acetate	4.466	43	22073	20.941	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	74580	19.324	ug/l	98
20) Methylene Chloride	4.704	84	52273	22.131	ug/l	# 81
21) trans-1,2-Dichloroethene	5.204	96	32441	19.755	ug/l	88
22) Diisopropyl ether	6.106	45	96888	20.474	ug/l	94
23) Vinyl Acetate	6.051	43	301228	99.263	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	56125	20.465	ug/l	97
25) 2-Butanone	6.978	43	58201	99.739	ug/l	# 89
26) 2,2-Dichloropropane	6.972	77	52773	20.242	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	35741	19.402	ug/l	91
28) Bromochloromethane	7.326	49	19826	20.054	ug/l	# 86
29) Tetrahydrofuran	7.338	42	37619	101.802	ug/l	91
30) Chloroform	7.496	83	58546	20.406	ug/l	99
31) Cyclohexane	7.771	56	50037	19.009	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	51596	20.035	ug/l	97
36) 1,1-Dichloropropene	7.911	75	44312	20.160	ug/l	97
37) Ethyl Acetate	7.070	43	26762	20.543	ug/l	# 95
38) Carbon Tetrachloride	7.893	117	48727	20.689	ug/l	96
39) Methylcyclohexane	9.179	83	51203	18.806	ug/l	92
40) Benzene	8.155	78	132347	20.322	ug/l	97

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41) Methacrylonitrile	7.301	41	13251m	19.965	ug/l	
42) 1,2-Dichloroethane	8.228	62	37355	20.573	ug/l	91
43) Isopropyl Acetate	8.271	43	47087	20.689	ug/l	94
44) Trichloroethene	8.935	130	36801	19.698	ug/l	95
45) 1,2-Dichloropropane	9.209	63	32771	20.725	ug/l	93
46) Dibromomethane	9.301	93	19207	20.417	ug/l	93
47) Bromodichloromethane	9.490	83	46956	21.727	ug/l	98
48) Methyl methacrylate	9.289	41	20109	20.092	ug/l #	87
49) 1,4-Dioxane	9.289	88	4952	412.253	ug/l	88
51) 4-Methyl-2-Pentanone	10.063	43	127719	110.308	ug/l	91
52) Toluene	10.240	92	87952	21.561	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	48058	21.532	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	53868	21.015	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	28981	21.788	ug/l	96
56) Ethyl methacrylate	10.508	69	33731	20.355	ug/l	85
57) 1,3-Dichloropropane	10.788	76	47945	22.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	54878	82.341	ug/l	92
59) 2-Hexanone	10.831	43	87758	106.352	ug/l	92
60) Dibromochloromethane	10.984	129	35683	22.180	ug/l	97
61) 1,2-Dibromoethane	11.087	107	27472	21.203	ug/l	96
64) Tetrachloroethene	10.715	164	38013	19.423	ug/l	97
65) Chlorobenzene	11.514	112	98287	19.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36617	19.755	ug/l	98
67) Ethyl Benzene	11.593	91	163274	18.965	ug/l	96
68) m/p-Xylenes	11.697	106	132825	38.865	ug/l	90
69) o-Xylene	12.026	106	58030	18.157	ug/l	91
70) Styrene	12.044	104	100260	18.665	ug/l	93
71) Bromoform	12.203	173	22770	19.238	ug/l #	99
73) Isopropylbenzene	12.325	105	154099	18.808	ug/l	100
74) N-amyl acetate	12.142	43	40642	19.204	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	32678	20.277	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	22965m	20.060	ug/l	
77) Bromobenzene	12.605	156	40177	19.745	ug/l	88
78) n-propylbenzene	12.666	91	188035	19.312	ug/l	97
79) 2-Chlorotoluene	12.752	91	103816	18.840	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	130333	19.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	11146	19.407	ug/l	87
82) 4-Chlorotoluene	12.849	91	109588	19.117	ug/l	95
83) tert-Butylbenzene	13.075	119	112800	18.485	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	129138	18.868	ug/l	96
85) sec-Butylbenzene	13.251	105	171795	19.174	ug/l	98
86) p-Isopropyltoluene	13.367	119	142418	18.794	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	79726	19.405	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	80088	19.357	ug/l	98
89) n-Butylbenzene	13.696	91	131143	18.890	ug/l	99
90) Hexachloroethane	13.959	117	28035	18.807	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	71479	19.480	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5028	18.567	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	42396	18.307	ug/l	99
94) Hexachlorobutadiene	15.111	225	26630	18.992	ug/l	99
95) Naphthalene	15.233	128	77396	17.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37776	18.650	ug/l	97

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

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