

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009430.D
 Acq On : 05 Jul 2022 12:20
 Operator : KP/MD
 Sample : VY0705SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0705SBS01

Quant Time: Jul 06 04:47:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/06/2022
 Supervised By : Mahesh Dadoda 07/06/2022

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 Dadoda
 07/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	140841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	207942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54681	48.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.940%		
35) Dibromofluoromethane	7.710	113	58808	47.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.800%		
50) Toluene-d8	10.173	98	182878	48.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.477	95	91132	51.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	102.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	22965	19.806	ug/l	99
3) Chloromethane	2.107	50	22199	17.596	ug/l	95
4) Vinyl Chloride	2.247	62	28039	19.212	ug/l	97
5) Bromomethane	2.631	94	21293	22.736	ug/l	93
6) Chloroethane	2.784	64	16596	21.327	ug/l	98
7) Trichlorofluoromethane	3.113	101	41128	21.241	ug/l	99
8) Diethyl Ether	3.521	74	12096	15.988	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.893	101	23108	16.649	ug/l	93
10) Methyl Iodide	4.076	142	26504	17.396	ug/l	93
11) Tert butyl alcohol	4.942	59	16367	49.061	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	20438	16.143	ug/l	83
13) Acrolein	3.723	56	5747	61.040	ug/l	99
14) Allyl chloride	4.466	41	26357	11.361	ug/l #	86
15) Acrylonitrile	5.155	53	27509	64.186	ug/l	97
16) Acetone	3.942	43	24085	65.010	ug/l #	86
17) Carbon Disulfide	4.186	76	45451	12.906	ug/l	100
18) Methyl Acetate	4.466	43	14407	11.504	ug/l #	83
19) Methyl tert-butyl Ether	5.210	73	57199	15.064	ug/l	91
20) Methylene Chloride	4.698	84	28743	11.436	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	22780	15.029	ug/l #	76
22) Diisopropyl ether	6.112	45	72070	14.721	ug/l #	93
23) Vinyl Acetate	6.051	43	196264m	63.994	ug/l	
24) 1,1-Dichloroethane	6.009	63	37318	13.558	ug/l	95
25) 2-Butanone	6.978	43	60329	102.713	ug/l	99
26) 2,2-Dichloropropane	6.972	77	50951	19.558	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	34207	19.425	ug/l	92
28) Bromochloromethane	7.325	49	22667	19.178	ug/l	93
29) Tetrahydrofuran	7.338	42	40254	106.898	ug/l	98
30) Chloroform	7.496	83	55137	19.490	ug/l	97
31) Cyclohexane	7.783	56	45927	18.101	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	49527	19.549	ug/l	96
36) 1,1-Dichloropropene	7.911	75	40837	19.025	ug/l	98
37) Ethyl Acetate	7.063	43	26114	20.515	ug/l	95
38) Carbon Tetrachloride	7.892	117	44298	19.745	ug/l	99
39) Methylcyclohexane	9.179	83	47527	18.709	ug/l	96
40) Benzene	8.155	78	123344	19.650	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13855m	19.266	ug/l	
42) 1,2-Dichloroethane	8.234	62	37480	20.815	ug/l	94
43) Isopropyl Acetate	8.270	43	48513	20.758	ug/l	95
44) Trichloroethene	8.935	130	34110	19.557	ug/l	91
45) 1,2-Dichloropropane	9.209	63	31998	20.124	ug/l	100
46) Dibromomethane	9.301	93	18362	20.158	ug/l	96
47) Bromodichloromethane	9.490	83	43678	20.248	ug/l	100
48) Methyl methacrylate	9.289	41	21402	21.243	ug/l	93
49) 1,4-Dioxane	9.295	88	4788	377.086	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	135671	112.593	ug/l	96
52) Toluene	10.240	92	80569	20.344	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	44685	20.708	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	50707	19.681	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	26778	22.096	ug/l	97
56) Ethyl methacrylate	10.508	69	34194	22.105	ug/l	88
57) 1,3-Dichloropropane	10.788	76	44515	20.735	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	86512	101.010	ug/l	97
59) 2-Hexanone	10.831	43	92262	110.841	ug/l	95
60) Dibromochloromethane	10.983	129	31923	20.815	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25360	20.843	ug/l	100
64) Tetrachloroethene	10.715	164	38210	19.737	ug/l	98
65) Chlorobenzene	11.514	112	87936	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	32469	19.894	ug/l	94
67) Ethyl Benzene	11.587	91	154666	20.038	ug/l	97
68) m/p-Xylenes	11.697	106	122757	39.774	ug/l	93
69) o-Xylene	12.026	106	56692	19.464	ug/l	94
70) Styrene	12.038	104	98148	20.338	ug/l	96
71) Bromoform	12.203	173	20439	19.931	ug/l #	99
73) Isopropylbenzene	12.325	105	156646	19.508	ug/l	100
74) N-amyl acetate	12.142	43	45712	21.703	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	30150	19.383	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	22461m	17.642	ug/l	
77) Bromobenzene	12.605	156	36482	19.059	ug/l	97
78) n-propylbenzene	12.666	91	193801	19.841	ug/l	98
79) 2-Chlorotoluene	12.751	91	108104	19.607	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	132010	19.659	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	11247	19.669	ug/l	88
82) 4-Chlorotoluene	12.849	91	112629	19.657	ug/l	98
83) tert-Butylbenzene	13.068	119	116166	20.590	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	132653	20.788	ug/l	98
85) sec-Butylbenzene	13.251	105	177513	20.890	ug/l	98
86) p-Isopropyltoluene	13.367	119	146260	20.468	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	75208	19.887	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	77384	19.886	ug/l	99
89) n-Butylbenzene	13.690	91	139641	20.798	ug/l	100
90) Hexachloroethane	13.958	117	28598	20.186	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	69324	20.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	5189	19.905	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	39500	19.401	ug/l	99
94) Hexachlorobutadiene	15.111	225	23762	20.790	ug/l	100
95) Naphthalene	15.233	128	76705	18.817	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	34377	19.435	ug/l	99

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

