

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009217.D
 Acq On : 17 Jun 2022 11:23
 Operator : KP/MD
 Sample : VY0617SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBS01

Quant Time: Jun 17 14:14:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	182291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95596	50.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.400%			
35) Dibromofluoromethane	7.710	113	90775	49.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.480%			
50) Toluene-d8	10.179	98	350593	49.961	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.477	95	128519	51.538	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27936	20.245	ug/l	99
3) Chloromethane	2.107	50	34012	19.895	ug/l	98
4) Vinyl Chloride	2.247	62	38001	21.176	ug/l	99
5) Bromomethane	2.625	94	26182	20.768	ug/l	100
6) Chloroethane	2.778	64	23744	21.145	ug/l	94
7) Trichlorofluoromethane	3.113	101	57431	20.035	ug/l	89
8) Diethyl Ether	3.521	74	22137	20.353	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	36602	20.767	ug/l	93
10) Methyl Iodide	4.082	142	41143	18.274	ug/l	89
11) Tert butyl alcohol	4.930	59	46460	153.789	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	34619	19.958	ug/l #	76
13) Acrolein	3.723	56	7376	125.943	ug/l	98
14) Allyl chloride	4.466	41	64267	20.531	ug/l	92
15) Acrylonitrile	5.149	53	61682	106.029	ug/l	96
16) Acetone	3.942	43	49357	102.899	ug/l	96
17) Carbon Disulfide	4.180	76	99837	19.881	ug/l	99
18) Methyl Acetate	4.466	43	32572	21.501	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	106382	20.326	ug/l	99
20) Methylene Chloride	4.704	84	46634	19.865	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	40612	19.981	ug/l	88
22) Diisopropyl ether	6.106	45	139795	21.659	ug/l	98
23) Vinyl Acetate	6.052	43	441505	108.738	ug/l	95
24) 1,1-Dichloroethane	6.009	63	74630	20.463	ug/l	99
25) 2-Butanone	6.984	43	84422	111.225	ug/l	91
26) 2,2-Dichloropropane	6.972	77	66848	20.686	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	48784	20.465	ug/l	92
28) Bromochloromethane	7.326	49	30655	19.610	ug/l	93
29) Tetrahydrofuran	7.344	42	56178	111.470	ug/l	94
30) Chloroform	7.502	83	77318	20.610	ug/l	97
31) Cyclohexane	7.777	56	71740	21.032	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	65581	19.882	ug/l	96
36) 1,1-Dichloropropene	7.911	75	58990	20.803	ug/l	97
37) Ethyl Acetate	7.070	43	38095	22.576	ug/l	95
38) Carbon Tetrachloride	7.893	117	59954	20.447	ug/l	98
39) Methylcyclohexane	9.179	83	71471	20.906	ug/l	93
40) Benzene	8.155	78	174667	21.093	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21447m	22.723	ug/l	
42) 1,2-Dichloroethane	8.228	62	51046	21.137	ug/l	95
43) Isopropyl Acetate	8.271	43	68368	21.905	ug/l	94
44) Trichloroethene	8.935	130	48124	20.331	ug/l	100
45) 1,2-Dichloropropane	9.209	63	45301	21.582	ug/l	99
46) Dibromomethane	9.301	93	26064	21.587	ug/l	95
47) Bromodichloromethane	9.496	83	60124	20.893	ug/l	98
48) Methyl methacrylate	9.289	41	30186	21.669	ug/l #	86
49) 1,4-Dioxane	9.295	88	7392	430.389	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	182825	111.359	ug/l	92
52) Toluene	10.240	92	114344	21.626	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	63735	21.114	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	73462	21.548	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	37138	21.735	ug/l	95
56) Ethyl methacrylate	10.508	69	50230	21.685	ug/l	85
57) 1,3-Dichloropropane	10.788	76	62342	21.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	105384	104.959	ug/l	98
59) 2-Hexanone	10.831	43	128518	114.108	ug/l	93
60) Dibromochloromethane	10.984	129	43186	20.644	ug/l	99
61) 1,2-Dibromoethane	11.087	107	35623	21.392	ug/l	99
64) Tetrachloroethene	10.715	164	54385	21.597	ug/l	97
65) Chlorobenzene	11.514	112	120606	20.483	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45494	21.098	ug/l	96
67) Ethyl Benzene	11.587	91	212668	20.698	ug/l	99
68) m/p-Xylenes	11.697	106	170569	42.108	ug/l	92
69) o-Xylene	12.026	106	80729	21.034	ug/l	93
70) Styrene	12.038	104	136370	21.181	ug/l	94
71) Bromoform	12.203	173	27877	20.240	ug/l #	99
73) Isopropylbenzene	12.325	105	208401	20.385	ug/l	99
74) N-amyl acetate	12.142	43	59176	20.751	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	43099	21.300	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	31549m	21.035	ug/l	
77) Bromobenzene	12.605	156	49844	19.845	ug/l	97
78) n-propylbenzene	12.666	91	258405	20.890	ug/l	98
79) 2-Chlorotoluene	12.752	91	145613	20.893	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	177786	20.806	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15848	21.058	ug/l	87
82) 4-Chlorotoluene	12.849	91	150368	20.677	ug/l	99
83) tert-Butylbenzene	13.075	119	153061	20.374	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	173566	20.695	ug/l	97
85) sec-Butylbenzene	13.251	105	232140	20.868	ug/l	98
86) p-Isopropyltoluene	13.367	119	189833	20.564	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	100681	20.783	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	100179	20.372	ug/l	97
89) n-Butylbenzene	13.696	91	178384	20.435	ug/l	98
90) Hexachloroethane	13.959	117	40089	23.030	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	89644	20.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6664	18.253	ug/l	65
93) 1,2,4-Trichlorobenzene	15.007	180	62736	22.778	ug/l	100
94) Hexachlorobutadiene	15.111	225	34469	22.770	ug/l	98
95) Naphthalene	15.233	128	128335	22.339	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	53628	22.123	ug/l	99

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

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