

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009341.D
 Acq On : 27 Jun 2022 14:26
 Operator : KP/MD
 Sample : VY0627SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Quant Time: Jun 28 04:29:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/08/2022
 Supervised By :Mahesh Dadoda 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	161474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	245179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56330	45.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.880%		
35) Dibromofluoromethane	7.710	113	63071	45.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.140%		
50) Toluene-d8	10.173	98	194202	47.099	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.200%		
62) 4-Bromofluorobenzene	12.477	95	99112	49.725	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25998	19.506	ug/l	98
3) Chloromethane	2.107	50	28484	18.189	ug/l	93
4) Vinyl Chloride	2.241	62	34143	20.269	ug/l	100
5) Bromomethane	2.625	94	22763	20.964	ug/l	98
6) Chloroethane	2.778	64	18423	21.603	ug/l	98
7) Trichlorofluoromethane	3.113	101	42820	19.977	ug/l	95
8) Diethyl Ether	3.521	74	16651	20.005	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	28735	18.753	ug/l	97
10) Methyl Iodide	4.076	142	33981	16.701	ug/l	100
11) Tert butyl alcohol	4.917	59	37269m	149.079	ug/l	
12) 1,1-Dichloroethene	3.857	96	27305	18.129	ug/l	98
13) Acrolein	3.716	56	12292	82.229	ug/l	99
14) Allyl chloride	4.466	41	49905	18.875	ug/l	95
15) Acrylonitrile	5.149	53	46508	101.446	ug/l	99
16) Acetone	3.936	43	39796	96.401	ug/l	98
17) Carbon Disulfide	4.180	76	79114	16.134	ug/l	97
18) Methyl Acetate	4.466	43	23520	20.464	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	81311	19.217	ug/l	99
20) Methylene Chloride	4.710	84	47270	24.907	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	32573	18.331	ug/l	95
22) Diisopropyl ether	6.112	45	111709	21.328	ug/l	97
23) Vinyl Acetate	6.051	43	350351	103.941	ug/l	97
24) 1,1-Dichloroethane	6.003	63	60091	19.889	ug/l	98
25) 2-Butanone	6.978	43	66578	107.245	ug/l	97
26) 2,2-Dichloropropane	6.966	77	56074	20.010	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	38471	19.753	ug/l	96
28) Bromochloromethane	7.319	49	25813	19.972	ug/l	92
29) Tetrahydrofuran	7.338	42	43551	109.309	ug/l	95
30) Chloroform	7.496	83	62420	20.478	ug/l	99
31) Cyclohexane	7.777	56	56669	19.408	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	53142	19.744	ug/l	97
36) 1,1-Dichloropropene	7.911	75	47237	20.112	ug/l	98
37) Ethyl Acetate	7.063	43	28573	21.420	ug/l	99
38) Carbon Tetrachloride	7.892	117	48748	20.184	ug/l	98
39) Methylcyclohexane	9.179	83	54644	18.671	ug/l	95
40) Benzene	8.155	78	139663	20.206	ug/l	98

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41) Methacrylonitrile	7.307	41	15009m	20.898	ug/l	
42) 1,2-Dichloroethane	8.228	62	40341	20.731	ug/l	100
43) Isopropyl Acetate	8.264	43	51407	20.859	ug/l	96
44) Trichloroethene	8.935	130	37734	19.523	ug/l	100
45) 1,2-Dichloropropane	9.209	63	35484	20.916	ug/l	100
46) Dibromomethane	9.301	93	20056	20.389	ug/l	99
47) Bromodichloromethane	9.490	83	47166	20.619	ug/l	99
48) Methyl methacrylate	9.289	41	22332	20.390	ug/l	95
49) 1,4-Dioxane	9.289	88	5408	404.349	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	137941	110.786	ug/l	97
52) Toluene	10.240	92	90221	21.068	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	49171	20.310	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	57115	20.706	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	28192	20.817	ug/l	97
56) Ethyl methacrylate	10.508	69	37593	21.001	ug/l	95
57) 1,3-Dichloropropane	10.782	76	49273	21.420	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	92377	99.787	ug/l	98
59) 2-Hexanone	10.831	43	96817	111.790	ug/l	97
60) Dibromochloromethane	10.977	129	33504	20.422	ug/l	98
61) 1,2-Dibromoethane	11.087	107	26960	20.311	ug/l	92
64) Tetrachloroethene	10.715	164	42568	19.960	ug/l	94
65) Chlorobenzene	11.514	112	97594	20.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	35609	20.428	ug/l	96
67) Ethyl Benzene	11.587	91	173112	20.154	ug/l	99
68) m/p-Xylenes	11.697	106	136931	40.576	ug/l	98
69) o-Xylene	12.026	106	63446	20.035	ug/l	99
70) Styrene	12.038	104	109207	20.774	ug/l	99
71) Bromoform	12.203	173	22218	20.649	ug/l #	99
73) Isopropylbenzene	12.325	105	167750	18.287	ug/l	99
74) N-amyl acetate	12.142	43	47626	19.329	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	31966	18.488	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	23043m	17.848	ug/l	
77) Bromobenzene	12.605	156	40782	18.163	ug/l	95
78) n-propylbenzene	12.666	91	213003	18.829	ug/l	98
79) 2-Chlorotoluene	12.751	91	118874	18.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	144031	18.641	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12239	18.766	ug/l	99
82) 4-Chlorotoluene	12.849	91	124194	18.964	ug/l	99
83) tert-Butylbenzene	13.068	119	126792	18.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	143642	18.855	ug/l	99
85) sec-Butylbenzene	13.251	105	191707	19.128	ug/l	99
86) p-Isopropyltoluene	13.367	119	157971	19.053	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	82132	18.988	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	83353	19.099	ug/l	97
89) n-Butylbenzene	13.696	91	149278	19.197	ug/l	98
90) Hexachloroethane	13.958	117	29714	18.937	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	74610	19.218	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5065	16.954	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	44128	18.893	ug/l	98
94) Hexachlorobutadiene	15.111	225	25042	19.409	ug/l	97
95) Naphthalene	15.233	128	83806	17.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36759	18.166	ug/l	98

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

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