

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009285.D
 Acq On : 23 Jun 2022 11:08
 Operator : KP/MD
 Sample : VY0623SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBS01

Quant Time: Jun 24 09:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93320	47.173	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.340%		
35) Dibromofluoromethane	7.710	113	94453	49.376	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.760%		
50) Toluene-d8	10.179	98	337917	45.984	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.960%		
62) 4-Bromofluorobenzene	12.477	95	125104	48.448	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	26218	19.866	ug/l	100
3) Chloromethane	2.107	50	30871	19.060	ug/l	96
4) Vinyl Chloride	2.247	62	32548	18.092	ug/l	100
5) Bromomethane	2.625	94	23274	18.553	ug/l	94
6) Chloroethane	2.778	64	20067	16.754	ug/l	90
7) Trichlorofluoromethane	3.119	101	54363	19.037	ug/l	96
8) Diethyl Ether	3.521	74	23257	22.178	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	37506	20.655	ug/l	94
10) Methyl Iodide	4.082	142	43454	19.596	ug/l	88
11) Tert butyl alcohol	4.930	59	54325	207.040	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	34408	19.940	ug/l	84
13) Acrolein	3.723	56	6066	82.985	ug/l	99
14) Allyl chloride	4.472	41	63825	20.591	ug/l	92
15) Acrylonitrile	5.155	53	65417	111.863	ug/l	97
16) Acetone	3.942	43	55360	113.262	ug/l	91
17) Carbon Disulfide	4.186	76	84402	17.607	ug/l	99
18) Methyl Acetate	4.466	43	35443	23.886	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	113319	21.847	ug/l	97
20) Methylene Chloride	4.710	84	48099	14.927	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	41365	20.227	ug/l	87
22) Diisopropyl ether	6.112	45	138679	21.283	ug/l	92
23) Vinyl Acetate	6.058	43	433666	108.399	ug/l	96
24) 1,1-Dichloroethane	6.009	63	77229	20.938	ug/l	99
25) 2-Butanone	6.978	43	86810	109.980	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	70790	20.415	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	50105	20.898	ug/l	92
28) Bromochloromethane	7.332	49	30817	19.364	ug/l #	86
29) Tetrahydrofuran	7.344	42	56817	113.664	ug/l	91
30) Chloroform	7.502	83	78437	20.659	ug/l	99
31) Cyclohexane	7.783	56	66659	19.411	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	68415	20.640	ug/l	95
36) 1,1-Dichloropropene	7.917	75	57897	19.887	ug/l	96
37) Ethyl Acetate	7.070	43	38399	21.812	ug/l	96
38) Carbon Tetrachloride	7.899	117	59544	19.670	ug/l	96
39) Methylcyclohexane	9.179	83	68463	19.166	ug/l	95
40) Benzene	8.155	78	172494	20.028	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18343	18.793	ug/l #	50
42) 1,2-Dichloroethane	8.234	62	50888	20.592	ug/l	91
43) Isopropyl Acetate	8.271	43	68622	21.272	ug/l #	92
44) Trichloroethene	8.941	130	49865	20.560	ug/l	86
45) 1,2-Dichloropropane	9.215	63	45859	20.668	ug/l	94
46) Dibromomethane	9.301	93	27011	21.408	ug/l	96
47) Bromodichloromethane	9.496	83	61779	20.619	ug/l	97
48) Methyl methacrylate	9.289	41	29936	21.171	ug/l #	85
49) 1,4-Dioxane	9.289	88	7514	414.428	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	186261	111.004	ug/l	92
52) Toluene	10.240	92	109074	20.035	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	63993	20.541	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72140	20.345	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37464	21.155	ug/l	99
56) Ethyl methacrylate	10.508	69	50480	21.548	ug/l	86
57) 1,3-Dichloropropane	10.788	76	63747	21.036	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	105033	104.507	ug/l	96
59) 2-Hexanone	10.831	43	125654	110.653	ug/l	91
60) Dibromochloromethane	10.983	129	44258	20.491	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35852	20.763	ug/l	98
64) Tetrachloroethene	10.715	164	51819	20.595	ug/l	97
65) Chlorobenzene	11.514	112	119178	20.285	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45820	21.330	ug/l	97
67) Ethyl Benzene	11.593	91	209960	20.621	ug/l	97
68) m/p-Xylenes	11.703	106	164551	41.186	ug/l	93
69) o-Xylene	12.026	106	79026	20.799	ug/l	92
70) Styrene	12.044	104	131318	20.841	ug/l	96
71) Bromoform	12.209	173	28354	21.355	ug/l #	100
73) Isopropylbenzene	12.325	105	208361	20.664	ug/l	100
74) N-amyl acetate	12.142	43	57220	21.244	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	41276	21.514	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	31785m	21.093	ug/l	
77) Bromobenzene	12.605	156	50870	20.769	ug/l	94
78) n-propylbenzene	12.672	91	252762	20.804	ug/l	98
79) 2-Chlorotoluene	12.758	91	144333	21.091	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	173777	20.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15690	22.077	ug/l	88
82) 4-Chlorotoluene	12.855	91	144947	20.307	ug/l	97
83) tert-Butylbenzene	13.075	119	150732	20.647	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	171390	20.893	ug/l	98
85) sec-Butylbenzene	13.251	105	224226	20.517	ug/l	98
86) p-Isopropyltoluene	13.367	119	186291	20.510	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	97893	20.677	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	97022	20.425	ug/l	99
89) n-Butylbenzene	13.696	91	174461	20.625	ug/l	98
90) Hexachloroethane	13.959	117	35327	20.504	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	88042	20.698	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6957	20.358	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	52243	20.075	ug/l	98
94) Hexachlorobutadiene	15.111	225	28823	20.586	ug/l	99
95) Naphthalene	15.233	128	107371	20.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44573	20.040	ug/l	99

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

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