

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008434.D
 Acq On : 21 Apr 2022 10:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 22 05:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57817	36.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.180%
35) Dibromofluoromethane	7.716	113	61404	42.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.000%
50) Toluene-d8	10.179	98	209381	36.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.100%
62) 4-Bromofluorobenzene	12.483	95	78579	39.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	36415	29.860	ug/l	98
3) Chloromethane	2.113	50	54722	28.516	ug/l	92
4) Vinyl Chloride	2.253	62	77042	30.897	ug/l	99
5) Bromomethane	2.650	94	68978	29.751	ug/l	96
6) Chloroethane	2.796	64	56329	33.956	ug/l	98
7) Trichlorofluoromethane	3.125	101	94426	36.555	ug/l	97
8) Diethyl Ether	3.527	74	34389	38.681	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.905	101	62005	40.324	ug/l	93
10) Methyl Iodide	4.094	142	63211	31.837	ug/l	92
11) Tert butyl alcohol	4.954	59	36448	225.352	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	53089	36.570	ug/l #	80
13) Acrolein	3.729	56	20043	119.139	ug/l	96
14) Allyl chloride	4.479	41	74638	39.390	ug/l #	91
15) Acrylonitrile	5.161	53	96051	211.303	ug/l	97
16) Acetone	3.948	43	80418	218.501	ug/l	91
17) Carbon Disulfide	4.198	76	111723	25.456	ug/l	99
18) Methyl Acetate	4.472	43	38611	37.408	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	194420	42.326	ug/l	93
20) Methylene Chloride	4.716	84	72096	35.929	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	63290	35.740	ug/l	83
22) Diisopropyl ether	6.118	45	194145	42.428	ug/l #	93
23) Vinyl Acetate	6.058	43	657372	209.543	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	118640	41.653	ug/l	98
25) 2-Butanone	6.984	43	120860	212.262	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	115894	43.931	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	83750	41.346	ug/l	82
28) Bromochloromethane	7.332	49	51810	45.094	ug/l #	74
29) Tetrahydrofuran	7.344	42	76162	207.677	ug/l #	75
30) Chloroform	7.508	83	135079	43.167	ug/l	98
31) Cyclohexane	7.783	56	86337	33.236	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	117100	42.737	ug/l	95
36) 1,1-Dichloropropene	7.917	75	89482	38.478	ug/l	96
37) Ethyl Acetate	7.076	43	53283	41.429	ug/l #	92
38) Carbon Tetrachloride	7.899	117	101876	42.164	ug/l	99
39) Methylcyclohexane	9.185	83	109701	36.842	ug/l #	84
40) Benzene	8.161	78	273339	40.288	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26386m	42.306	ug/l	04/22/2022
42) 1,2-Dichloroethane	8.240	62	85344	41.781	ug/l	Supervised By :Semsettin Yesilyurt
43) Isopropyl Acetate	8.271	43	103658	43.824	ug/l #	87
44) Trichloroethene	8.941	130	78256	41.867	ug/l	97
45) 1,2-Dichloropropane	9.215	63	72322	44.390	ug/l	96
46) Dibromomethane	9.307	93	47912	41.975	ug/l	94
47) Bromodichloromethane	9.496	83	109053	45.006	ug/l	100
48) Methyl methacrylate	9.295	41	43501	43.253	ug/l #	04/22/2022
49) 1,4-Dioxane	9.301	88	12446	864.691	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	280569	225.483	ug/l #	85
52) Toluene	10.246	92	187719	41.838	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	114669	44.129	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	123122	42.758	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	69308	44.488	ug/l	97
56) Ethyl methacrylate	10.508	69	90390	44.935	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	111169	43.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	152829	138.628	ug/l	90
59) 2-Hexanone	10.831	43	196680	229.694	ug/l	80
60) Dibromochloromethane	10.983	129	83237	46.504	ug/l	100
61) 1,2-Dibromoethane	11.087	107	65707	42.643	ug/l	98
64) Tetrachloroethene	10.721	164	63993	41.469	ug/l	96
65) Chlorobenzene	11.514	112	212514	45.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	83561	48.103	ug/l	96
67) Ethyl Benzene	11.593	91	372301	45.593	ug/l	98
68) m/p-Xylenes	11.703	106	289679	88.564	ug/l	93
69) o-Xylene	12.032	106	140842	44.726	ug/l	91
70) Styrene	12.044	104	242205	45.642	ug/l	94
71) Bromoform	12.209	173	52053	47.815	ug/l #	98
73) Isopropylbenzene	12.331	105	375602	48.805	ug/l	100
74) N-amyl acetate	12.142	43	93807	49.331	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	86899	50.536	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	53294m	40.570	ug/l	
77) Bromobenzene	12.611	156	88033	46.903	ug/l	95
78) n-propylbenzene	12.672	91	443034	47.993	ug/l	98
79) 2-Chlorotoluene	12.758	91	247878	47.710	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	307531	48.141	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	28713	50.707	ug/l #	82
82) 4-Chlorotoluene	12.855	91	256263	47.598	ug/l	97
83) tert-Butylbenzene	13.075	119	277421	50.027	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	309848	48.885	ug/l	98
85) sec-Butylbenzene	13.257	105	417922	49.937	ug/l	99
86) p-Isopropyltoluene	13.373	119	351739	50.185	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	178613	47.532	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	176731	47.478	ug/l	98
89) n-Butylbenzene	13.696	91	317288	49.877	ug/l	99
90) Hexachloroethane	13.965	117	67117	53.264	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	159779	47.820	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12300	47.597	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	91522	49.209	ug/l	99
94) Hexachlorobutadiene	15.111	225	46142	50.847	ug/l	99
95) Naphthalene	15.239	128	204605	48.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79646	48.926	ug/l	99

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

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Yesilyurt

04/22/2022

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