

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010336.D
 Acq On : 03 Sep 2022 21:25
 Operator : KP/MD
 Sample : N4433-07MSD
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MSD

Quant Time: Sep 05 04:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	257034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	463815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143422	54.417	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.840%			
35) Dibromofluoromethane	7.710	113	141584	45.854	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.700%			
50) Toluene-d8	10.179	98	485662	46.980	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.960%			
62) 4-Bromofluorobenzene	12.477	95	153402	35.183	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	108650	52.952	ug/l	98
3) Chloromethane	2.107	50	156228	55.764	ug/l	96
4) Vinyl Chloride	2.247	62	197663	64.756	ug/l	98
5) Bromomethane	2.643	94	109982	65.939	ug/l	99
6) Chloroethane	2.784	64	130750	70.025	ug/l	100
7) Trichlorofluoromethane	3.119	101	254926	59.582	ug/l	95
8) Diethyl Ether	3.521	74	85445	55.888	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	147810	55.936	ug/l	96
10) Methyl Iodide	4.082	142	143282	45.071	ug/l	90
11) Tert butyl alcohol	4.948	59	65688	208.329	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	141866	55.444	ug/l	84
14) Allyl chloride	4.472	41	169501	37.637	ug/l #	95
15) Acrylonitrile	5.155	53	9720m	12.201	ug/l	
16) Acetone	3.942	43	132181	200.619	ug/l	90
17) Carbon Disulfide	4.186	76	242968	31.174	ug/l	99
18) Methyl Acetate	4.466	43	222105	108.624	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	407443	54.469	ug/l	96
20) Methylene Chloride	4.704	84	178086	56.010	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	151604	52.286	ug/l	90
22) Diisopropyl ether	6.112	45	469932	51.343	ug/l #	84
24) 1,1-Dichloroethane	6.009	63	286290	54.296	ug/l	99
25) 2-Butanone	6.978	43	175561	162.362	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	94381	19.653	ug/l	84
27) cis-1,2-Dichloroethene	6.978	96	184365	55.638	ug/l	81
28) Bromochloromethane	7.326	49	101957	55.062	ug/l #	79
29) Tetrahydrofuran	7.338	42	159716	230.560	ug/l #	84
30) Chloroform	7.502	83	301124	57.993	ug/l	100
31) Cyclohexane	7.783	56	248992	48.429	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	273567	57.822	ug/l	96
36) 1,1-Dichloropropene	7.911	75	207854	45.881	ug/l	96
38) Carbon Tetrachloride	7.892	117	246397	52.774	ug/l	98
39) Methylcyclohexane	9.179	83	273742	46.804	ug/l	89
40) Benzene	8.155	78	620616	47.833	ug/l	96
42) 1,2-Dichloroethane	8.234	62	189825	50.460	ug/l	92
44) Trichloroethene	8.935	130	176049	49.426	ug/l	100
45) 1,2-Dichloropropane	9.215	63	159594	48.280	ug/l	94

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46) Dibromomethane	9.301	93	92765	51.093	ug/l	96
47) Bromodichloromethane	9.490	83	225850	50.583	ug/l	98
48) Methyl methacrylate	9.289	41	133808	57.937	ug/l #	89
49) 1,4-Dioxane	9.295	88	24967	999.389	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	405031	158.560	ug/l	91
52) Toluene	10.240	92	371513	44.762	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	158116	32.833	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	176174	32.443	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	131742	51.116	ug/l	96
57) 1,3-Dichloropropane	10.788	76	216693	48.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	200367	189.549	ug/l	93
59) 2-Hexanone	10.831	43	6928	3.911	ug/l	93
60) Dibromochloromethane	10.983	129	157188	50.613	ug/l	100
61) 1,2-Dibromoethane	11.087	107	121043	48.598	ug/l	100
64) Tetrachloroethene	10.715	164	192144	63.092	ug/l	98
65) Chlorobenzene	11.514	112	384610	48.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	169849	58.128	ug/l	99
67) Ethyl Benzene	11.593	91	414908	28.473	ug/l	98
68) m/p-Xylenes	11.703	106	367920	66.094	ug/l	94
69) o-Xylene	12.026	106	227777	42.144	ug/l	93
70) Styrene	12.044	104	284555	31.607	ug/l	98
71) Bromoform	12.203	173	96881	53.636	ug/l #	99
73) Isopropylbenzene	12.325	105	451239	36.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	137211	57.465	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	96589m	52.119	ug/l	
77) Bromobenzene	12.605	156	141718	50.141	ug/l	92
78) n-propylbenzene	12.666	91	308184	20.663	ug/l	97
79) 2-Chlorotoluene	12.751	91	389826	46.244	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	217595	20.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	18261	20.556	ug/l	91
82) 4-Chlorotoluene	12.855	91	387714	44.669	ug/l	97
83) tert-Butylbenzene	13.074	119	425038	46.998	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	129315	12.650	ug/l	98
85) sec-Butylbenzene	13.251	105	495426	37.043	ug/l	98
86) p-Isopropyltoluene	13.367	119	322079	29.154	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	269946	49.189	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	262378	48.087	ug/l	99
89) n-Butylbenzene	13.696	91	183901	17.610	ug/l	98
90) Hexachloroethane	13.958	117	112632	53.115	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	241694	49.414	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22591	53.693	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	108955	35.989	ug/l	99
94) Hexachlorobutadiene	15.111	225	65428	36.872	ug/l	99
95) Naphthalene	15.233	128	43454	6.917	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	102578	40.005	ug/l	99

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

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