

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010335.D
 Acq On : 03 Sep 2022 21:02
 Operator : KP/MD
 Sample : N4433-06MS
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 05 04:24:40 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	259299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	471704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149482	56.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.440%			
35) Dibromofluoromethane	7.716	113	143218	45.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.220%			
50) Toluene-d8	10.179	98	497304	47.301	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.600%			
62) 4-Bromofluorobenzene	12.477	95	159188	36.046	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	113561	54.862	ug/l	99
3) Chloromethane	2.107	50	161497	57.141	ug/l	96
4) Vinyl Chloride	2.247	62	204332	66.357	ug/l	99
5) Bromomethane	2.644	94	118692	70.931	ug/l	98
6) Chloroethane	2.790	64	134886	71.609	ug/l	99
7) Trichlorofluoromethane	3.119	101	266931	61.842	ug/l	95
8) Diethyl Ether	3.521	74	86569	56.128	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	154739	58.047	ug/l	96
10) Methyl Iodide	4.082	142	160396	50.013	ug/l	91
11) Tert butyl alcohol	4.948	59	70360	221.197	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	147170	57.014	ug/l	85
14) Allyl chloride	4.473	41	172802	38.035	ug/l #	94
15) Acrylonitrile	5.204	53	7356m	9.153	ug/l	
16) Acetone	3.936	43	136528	205.407	ug/l	92
17) Carbon Disulfide	4.186	76	367097	46.690	ug/l	100
18) Methyl Acetate	4.473	43	181916	88.192	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	420289	55.696	ug/l	96
20) Methylene Chloride	4.704	84	187121	58.337	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	155647	53.211	ug/l	88
22) Diisopropyl ether	6.112	45	474125	51.348	ug/l #	86
24) 1,1-Dichloroethane	6.009	63	291093	54.725	ug/l	99
25) 2-Butanone	6.978	43	177926	163.112	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	100194	20.681	ug/l	86
27) cis-1,2-Dichloroethene	6.978	96	189111	56.571	ug/l	81
28) Bromochloromethane	7.326	49	97740	52.400	ug/l #	77
29) Tetrahydrofuran	7.344	42	169871	243.077	ug/l #	84
30) Chloroform	7.502	83	306069	58.431	ug/l	100
31) Cyclohexane	7.777	56	259244	49.983	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	283124	59.319	ug/l	96
36) 1,1-Dichloropropene	7.911	75	215129	46.692	ug/l	97
38) Carbon Tetrachloride	7.893	117	253432	53.373	ug/l	98
39) Methylcyclohexane	9.179	83	283491	47.660	ug/l	91
40) Benzene	8.155	78	618233	46.852	ug/l	96
42) 1,2-Dichloroethane	8.234	62	194692	50.888	ug/l	92
44) Trichloroethene	8.935	130	179445	49.537	ug/l	100
45) 1,2-Dichloropropane	9.209	63	161643	48.082	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.301	93	96395	52.205	ug/l	97
47) Bromodichloromethane	9.496	83	229785	50.603	ug/l	98
48) Methyl methacrylate	9.289	41	149745	63.753	ug/l #	88
49) 1,4-Dioxane	9.295	88	25120	988.697	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	446359	171.816	ug/l	90
52) Toluene	10.240	92	380525	45.081	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	166253	33.945	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	186322	33.738	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	134904	51.467	ug/l	96
57) 1,3-Dichloropropane	10.788	76	226961	49.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	198672	183.802	ug/l	93
59) 2-Hexanone	10.831	43	4441	2.465	ug/l	99
60) Dibromochloromethane	10.984	129	159796	50.593	ug/l	99
61) 1,2-Dibromoethane	11.087	107	126141	49.798	ug/l	99
64) Tetrachloroethene	10.715	164	193697	60.587	ug/l	99
65) Chlorobenzene	11.514	112	404570	48.431	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	171092	55.778	ug/l	98
67) Ethyl Benzene	11.593	91	588063	38.443	ug/l	97
68) m/p-Xylenes	11.703	106	433961	74.263	ug/l	94
69) o-Xylene	12.026	106	255076	44.958	ug/l	93
70) Styrene	12.044	104	320322	33.893	ug/l	98
71) Bromoform	12.203	173	99066	52.246	ug/l #	98
73) Isopropylbenzene	12.325	105	582518	45.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	143830	58.628	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	101815m	53.472	ug/l	
77) Bromobenzene	12.605	156	157389	54.198	ug/l	92
78) n-propylbenzene	12.666	91	529954	34.584	ug/l	97
79) 2-Chlorotoluene	12.752	91	401042	46.304	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	364190	34.052	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	20613	22.584	ug/l	90
82) 4-Chlorotoluene	12.849	91	388245	43.535	ug/l	97
83) tert-Butylbenzene	13.075	119	493771	53.140	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	240689	22.916	ug/l	97
85) sec-Butylbenzene	13.251	105	597609	43.490	ug/l	98
86) p-Isopropyltoluene	13.367	119	298791	26.324	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	271302	48.115	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	265889	47.428	ug/l	99
89) n-Butylbenzene	13.696	91	299374	27.901	ug/l	98
90) Hexachloroethane	13.959	117	114790	52.687	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	244400	48.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23929	55.353	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	109128	35.083	ug/l	98
94) Hexachlorobutadiene	15.111	225	68043	37.321	ug/l	99
95) Naphthalene	15.233	128	48429	7.503	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	104544	39.683	ug/l	98

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

