

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034228.D
 Acq On : 22 Feb 2023 14:59
 Operator : JC/MD
 Sample : 01638-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB-15-241

Quant Time: Feb 23 01:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	323188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	536196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190441	43.754	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.500%		
35) Dibromofluoromethane	5.379	113	166328	47.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	8.647	98	641846	51.207	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.420%		
62) 4-Bromofluorobenzene	11.079	95	235612	49.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	376	0.094	ug/l #	43
6) Chloroethane	1.697	64	61	0.033	ug/l #	42
7) Trichlorofluoromethane	1.886	101	32	0.006	ug/l #	19
8) Diethyl Ether	2.123	74	134	0.067	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	52	0.015	ug/l #	62
10) Methyl Iodide	2.453	142	132	0.031	ug/l #	54
12) 1,1-Dichloroethene	2.331	96	84	0.024	ug/l #	1
13) Acrolein	2.221	56	71	0.160	ug/l #	14
14) Allyl chloride	2.666	41	64	0.009	ug/l #	1
15) Acrylonitrile	3.074	53	27	0.013	ug/l #	18
16) Acetone	2.373	43	79997	35.629	ug/l	93
20) Methylene Chloride	2.794	84	10606	2.622	ug/l	93
22) Diisopropyl ether	3.757	45	27	0.002	ug/l #	37
23) Vinyl Acetate	3.721	43	110	0.011	ug/l #	72
24) 1,1-Dichloroethane	3.599	63	78	0.011	ug/l #	81
31) Cyclohexane	5.476	56	339	0.052	ug/l #	7
32) 1,1,1-Trichloroethane	5.379	97	121	0.020	ug/l #	23
37) Ethyl Acetate	4.714	43	51967	9.006	ug/l	100
39) Methylcyclohexane	7.379	83	714	0.107	ug/l #	84
40) Benzene	6.050	78	1230	0.080	ug/l #	87
41) Methacrylonitrile	4.922	41	300	0.093	ug/l #	37
42) 1,2-Dichloroethane	6.092	62	281	0.052	ug/l #	73
43) Isopropyl Acetate	6.336	43	223316	21.931	ug/l	99
45) 1,2-Dichloropropane	7.635	63	22	0.005	ug/l #	1
46) Dibromomethane	7.336	93	31	0.012	ug/l #	1
52) Toluene	8.720	92	1692	0.183	ug/l	84
53) t-1,3-Dichloropropene	8.951	75	762	0.120	ug/l #	76
56) Ethyl methacrylate	9.128	69	213	0.034	ug/l #	23
60) Dibromochloromethane	9.275	129	176	0.043	ug/l #	11
65) Chlorobenzene	10.079	112	105	0.010	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	9.915	131	40	0.010	ug/l #	8
67) Ethyl Benzene	10.195	91	173331	9.525	ug/l	99
69) o-Xylene	10.640	106	39468	5.693	ug/l	95
73) Isopropylbenzene	10.963	105	62355	3.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.232	83	175	0.027	ug/l #	26
77) Bromobenzene	11.195	156	91	0.020	ug/l #	1

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

78) n-propylbenzene	11.305	91	27710	1.273	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	38309	2.435	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	212414	13.352	ug/l	99
86) p-Isopropyltoluene	12.006	119	18964m	1.171	ug/l	
87) 1,3-Dichlorobenzene	11.963	146	262	0.031	ug/l #	69
88) 1,4-Dichlorobenzene	12.042	146	421	0.049	ug/l #	26
91) 1,2-Dichlorobenzene	12.341	146	169	0.020	ug/l #	78
93) 1,2,4-Trichlorobenzene	13.591	180	489	0.092	ug/l #	1
94) Hexachlorobutadiene	13.719	225	116	0.053	ug/l #	33
95) Naphthalene	13.774	128	6973784	390.206	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	441	0.084	ug/l #	1

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

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