

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034226.D
 Acq On : 22 Feb 2023 14:13
 Operator : JC/MD
 Sample : PB150999TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150999TB

Quant Time: Feb 23 01:29:19 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	332402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	553867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197978	44.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.385	113	172073	47.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	670001	51.747	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	237291	47.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.820%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.160	85	88	0.031	ug/l #	43
3) Chloromethane	1.294	50	311	0.075	ug/l #	73
4) Vinyl Chloride	1.380	62	150	0.040	ug/l #	42
6) Chloroethane	1.691	64	198	0.105	ug/l #	42
7) Trichlorofluoromethane	1.892	101	215	0.042	ug/l	84
8) Diethyl Ether	2.136	74	51	0.025	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.343	101	42	0.012	ug/l #	69
10) Methyl Iodide	2.453	142	309	0.071	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	169	0.047	ug/l #	41
14) Allyl chloride	2.648	41	389	0.051	ug/l #	39
15) Acrylonitrile	3.032	53	44	0.020	ug/l #	18
16) Acetone	2.373	43	36542	15.824	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	51	0.004	ug/l #	54
20) Methylene Chloride	2.788	84	22235	5.344	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	281	0.075	ug/l #	62
22) Diisopropyl ether	3.641	45	19	0.001	ug/l #	58
23) Vinyl Acetate	3.739	43	632	0.059	ug/l #	72
26) 2,2-Dichloropropane	4.501	77	22	0.003	ug/l #	52
27) cis-1,2-Dichloroethene	4.477	96	25	0.006	ug/l #	1
30) Chloroform	5.080	83	100	0.014	ug/l #	18
32) 1,1,1-Trichloroethane	5.367	97	22	0.003	ug/l #	23
37) Ethyl Acetate	4.708	43	58440	9.805	ug/l	100
39) Methylcyclohexane	7.379	83	245	0.036	ug/l #	60
40) Benzene	6.025	78	387	0.024	ug/l #	52
41) Methacrylonitrile	4.928	41	175	0.053	ug/l #	26
42) 1,2-Dichloroethane	6.086	62	617	0.111	ug/l #	73
43) Isopropyl Acetate	6.336	43	268541	25.531	ug/l	99
44) Trichloroethene	7.135	130	200	0.049	ug/l	78
45) 1,2-Dichloropropane	7.629	63	161	0.038	ug/l #	34
46) Dibromomethane	7.592	93	68	0.025	ug/l #	44
47) Bromodichloromethane	7.824	83	26	0.005	ug/l #	26
52) Toluene	8.714	92	652	0.068	ug/l	93
53) t-1,3-Dichloropropene	8.988	75	252	0.039	ug/l #	43
56) Ethyl methacrylate	9.128	69	98	0.015	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.263	63	82	0.029	ug/l #	44
60) Dibromochloromethane	9.275	129	247	0.058	ug/l #	11

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

61) 1,2-Dibromoethane	9.610	107	116	0.028	ug/l	94
64) Tetrachloroethene	9.275	164	153	0.043	ug/l #	82
65) Chlorobenzene	10.073	112	491	0.047	ug/l #	19
66) 1,1,1,2-Tetrachloroethane	9.903	131	55	0.014	ug/l #	8
67) Ethyl Benzene	10.201	91	662	0.035	ug/l	91
68) m/p-Xylenes	10.305	106	717	0.099	ug/l	96
69) o-Xylene	10.646	106	312	0.043	ug/l	34
70) Styrene	10.658	104	681	0.058	ug/l #	81
73) Isopropylbenzene	10.969	105	616	0.035	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	11.219	83	102	0.017	ug/l #	26
77) Bromobenzene	11.195	156	306	0.072	ug/l	86
78) n-propylbenzene	11.305	91	1596	0.078	ug/l	91
79) 2-Chlorotoluene	11.366	91	759	0.061	ug/l	80
80) 1,3,5-Trimethylbenzene	11.451	105	1134	0.077	ug/l	98
82) 4-Chlorotoluene	11.457	91	1154	0.081	ug/l	98
83) tert-Butylbenzene	11.713	119	605	0.040	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.756	105	913	0.061	ug/l	89
85) sec-Butylbenzene	11.890	105	1309	0.071	ug/l	87
86) p-Isopropyltoluene	12.012	119	1047	0.069	ug/l #	11
87) 1,3-Dichlorobenzene	11.975	146	892	0.113	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	892	0.112	ug/l	94
89) n-Butylbenzene	12.335	91	1615	0.119	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	526	0.068	ug/l	84
96) 1,2,3-Trichlorobenzene	13.957	180	976	0.198	ug/l	96

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

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