

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038096.D
 Acq On : 05 Oct 2023 12:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 05 12:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89816	43.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.560%
35) Dibromofluoromethane	5.385	113	71845	44.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	278844	44.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.720%#
62) 4-Bromofluorobenzene	11.079	95	107317	45.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.166	85	801	0.651	ug/l	73
3) Chloromethane	1.307	50	573	0.457	ug/l #	43
4) Vinyl Chloride	1.367	62	786	0.565	ug/l #	70
5) Bromomethane	1.611	94	491	Below Cal		85
6) Chloroethane	1.691	64	650	Below Cal	#	77
7) Trichlorofluoromethane	1.886	101	1757	0.639	ug/l #	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	758	0.632	ug/l	91
10) Methyl Iodide	2.459	142	656	0.380	ug/l #	84
11) Tert butyl alcohol	2.953	59	1205	Below Cal	#	78
12) 1,1-Dichloroethene	2.319	96	787	0.674	ug/l #	63
13) Acrolein	2.233	56	491	1.683	ug/l	98
14) Allyl chloride	2.666	41	818	0.392	ug/l #	77
15) Acrylonitrile	3.068	53	2026	2.170	ug/l	99
16) Acetone	2.380	43	956	1.116	ug/l	97
17) Carbon Disulfide	2.514	76	8418	2.503	ug/l	97
18) Methyl Acetate	2.709	43	999	0.272	ug/l #	81
20) Methylene Chloride	2.794	84	1459	0.906	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	1634	1.131	ug/l #	82
23) Vinyl Acetate	3.733	43	1462	0.456	ug/l #	73
25) 2-Butanone	4.580	43	1209	0.875	ug/l #	79
27) cis-1,2-Dichloroethene	4.495	96	685	0.398	ug/l	95
28) Bromochloromethane	4.891	49	406	0.339	ug/l #	87
29) Tetrahydrofuran	5.025	42	525	0.584	ug/l #	43
31) Cyclohexane	5.470	56	1222	0.550	ug/l #	76
32) 1,1,1-Trichloroethane	5.379	97	617	0.248	ug/l #	38
36) 1,1-Dichloropropene	5.696	75	1798	0.802	ug/l #	75
38) Carbon Tetrachloride	5.672	117	959	0.435	ug/l #	81
39) Methylcyclohexane	7.379	83	1361	0.518	ug/l #	92
40) Benzene	6.043	78	1585	0.253	ug/l #	86
42) 1,2-Dichloroethane	6.098	62	575	0.229	ug/l #	77
44) Trichloroethene	7.141	130	1180	0.719	ug/l	89
46) Dibromomethane	7.586	93	431	0.342	ug/l #	69
49) 1,4-Dioxane	7.671	88	115	2.458	ug/l #	31
51) 4-Methyl-2-Pentanone	8.580	43	865	0.315	ug/l #	84
52) Toluene	8.726	92	1467	0.359	ug/l	85
53) t-1,3-Dichloropropene	8.994	75	946	0.393	ug/l	99

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

54) cis-1,3-Dichloropropene	8.378	75	527	0.209	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.256	63	754	0.573	ug/l #	65
59) 2-Hexanone	9.439	43	1038	0.471	ug/l	98
61) 1,2-Dibromoethane	9.616	107	383	0.203	ug/l	86
64) Tetrachloroethene	9.281	164	1044	0.745	ug/l #	78
65) Chlorobenzene	10.079	112	2022	0.446	ug/l #	88
67) Ethyl Benzene	10.195	91	3858	0.477	ug/l	98
68) m/p-Xylenes	10.305	106	3056	0.977	ug/l	98
69) o-Xylene	10.646	106	1004	0.329	ug/l	89
70) Styrene	10.659	104	2025	0.407	ug/l	96
71) Bromoform	10.799	173	167	2.974	ug/l #	29
73) Isopropylbenzene	10.963	105	3697	0.502	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	58771	23.530	ug/l #	39
77) Bromobenzene	11.201	156	893	0.496	ug/l	89
78) n-propylbenzene	11.305	91	5750	0.638	ug/l	98
79) 2-Chlorotoluene	11.366	91	3120	0.584	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	3248	0.511	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	58771	67.196	ug/l #	5
82) 4-Chlorotoluene	11.457	91	4765	0.754	ug/l	98
83) tert-Butylbenzene	11.713	119	2682	0.432	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3350	0.529	ug/l	97
85) sec-Butylbenzene	11.890	105	4529	0.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	4243	0.639	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2878	0.797	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	2878	0.780	ug/l	92
89) n-Butylbenzene	12.335	91	5186	0.784	ug/l	94
90) Hexachloroethane	12.536	117	427	0.388	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	2082	0.599	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.951	75	153	0.234	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	3346	1.436	ug/l	94
94) Hexachlorobutadiene	13.725	225	1877	2.002	ug/l	94
95) Naphthalene	13.780	128	8650	1.066	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2912	1.291	ug/l	94

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

