

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037646.D
 Acq On : 11 Sep 2023 17:24
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 12 09:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13031	6.264	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	12.520%#
35) Dibromofluoromethane	5.385	113	9329	5.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.800%#
50) Toluene-d8	8.653	98	34670	5.318	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.640%#
62) 4-Bromofluorobenzene	11.085	95	11409	4.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.700%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7002	5.093	ug/l	99
3) Chloromethane	1.301	50	9273	5.751	ug/l	94
4) Vinyl Chloride	1.374	62	9642	5.433	ug/l	92
5) Bromomethane	1.599	94	10470	6.928	ug/l	99
6) Chloroethane	1.672	64	7506	6.221	ug/l	98
7) Trichlorofluoromethane	1.880	101	16360	5.436	ug/l	98
8) Diethyl Ether	2.136	74	7538	6.198	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	6805	5.112	ug/l	98
10) Methyl Iodide	2.447	142	7874	4.976	ug/l	97
11) Tert butyl alcohol	2.971	59	16718	29.236	ug/l #	96
12) 1,1-Dichloroethene	2.313	96	7007	5.358	ug/l	92
13) Acrolein	2.239	56	10572	31.102	ug/l	99
14) Allyl chloride	2.660	41	12590	5.410	ug/l	92
15) Acrylonitrile	3.069	53	29315	29.962	ug/l	99
16) Acetone	2.386	43	27890	32.429	ug/l	91
17) Carbon Disulfide	2.508	76	16917	5.018	ug/l	100
18) Methyl Acetate	2.703	43	21491	5.962	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	31033	5.878	ug/l	100
20) Methylene Chloride	2.788	84	11225	5.738	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	8667	5.589	ug/l	93
22) Diisopropyl ether	3.764	45	29451	5.798	ug/l	96
23) Vinyl Acetate	3.727	43	105805	28.392	ug/l	98
24) 1,1-Dichloroethane	3.611	63	16623	5.594	ug/l	100
25) 2-Butanone	4.568	43	41799	30.270	ug/l	95
26) 2,2-Dichloropropane	4.477	77	11405	5.543	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	10521	5.673	ug/l	91
28) Bromochloromethane	4.904	49	8446	5.605	ug/l	87
29) Tetrahydrofuran	5.007	42	26271	29.496	ug/l	93
30) Chloroform	5.099	83	17985	5.582	ug/l	92
31) Cyclohexane	5.471	56	12062	5.035	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	13941	5.152	ug/l	97
36) 1,1-Dichloropropene	5.696	75	11161	4.682	ug/l	98
37) Ethyl Acetate	4.727	43	16007	5.822	ug/l	98
38) Carbon Tetrachloride	5.684	117	10753	4.516	ug/l	90
39) Methylcyclohexane	7.385	83	11850	4.226	ug/l	99
40) Benzene	6.038	78	37971	5.238	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	7810	5.347	ug/l	90
42) 1,2-Dichloroethane	6.092	62	16143	5.747	ug/l	100
43) Isopropyl Acetate	6.348	43	22197	5.107	ug/l	98
44) Trichloroethene	7.129	130	8974	5.072	ug/l	97
45) 1,2-Dichloropropane	7.434	63	10544	5.543	ug/l	95
46) Dibromomethane	7.586	93	7780	5.606	ug/l	98
47) Bromodichloromethane	7.824	83	13012	5.232	ug/l	96
48) Methyl methacrylate	7.696	41	11611	5.470	ug/l	93
49) 1,4-Dioxane	7.665	88	5655	106.961	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	82185	28.680	ug/l	99
52) Toluene	8.720	92	23768	5.182	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	11508	4.578	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	13414	4.893	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	10784	5.468	ug/l	95
56) Ethyl methacrylate	9.122	69	15088	5.090	ug/l	93
57) 1,3-Dichloropropane	9.311	76	17830	5.431	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	34701	24.257	ug/l	97
59) 2-Hexanone	9.433	43	61688	28.066	ug/l	99
60) Dibromochloromethane	9.519	129	9249	4.831	ug/l	100
61) 1,2-Dibromoethane	9.610	107	10803	5.194	ug/l	100
64) Tetrachloroethene	9.275	164	7480	4.973	ug/l	93
65) Chlorobenzene	10.079	112	26020	5.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	8712	4.931	ug/l	97
67) Ethyl Benzene	10.195	91	43060	4.783	ug/l	97
68) m/p-Xylenes	10.305	106	33179	9.673	ug/l	99
69) o-Xylene	10.646	106	16261	4.781	ug/l	93
70) Styrene	10.659	104	26376	4.700	ug/l	96
71) Bromoform	10.799	173	6286	4.654	ug/l #	96
73) Isopropylbenzene	10.963	105	41827	5.295	ug/l	100
74) N-amyl acetate	10.848	43	19051	5.463	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	17460	5.829	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	18149	7.648	ug/l	91
77) Bromobenzene	11.201	156	10534	5.556	ug/l	93
78) n-propylbenzene	11.305	91	45334	4.972	ug/l	98
79) 2-Chlorotoluene	11.366	91	30790	5.491	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	33949	5.087	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3300	4.347	ug/l #	82
82) 4-Chlorotoluene	11.457	91	32900	5.155	ug/l	100
83) tert-Butylbenzene	11.713	119	33857	5.088	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	35250	5.259	ug/l	100
85) sec-Butylbenzene	11.890	105	40551	4.917	ug/l	98
86) p-Isopropyltoluene	12.012	119	32053	4.720	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	18367	5.099	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	18993	5.179	ug/l	94
89) n-Butylbenzene	12.335	91	26632	4.381	ug/l	97
90) Hexachloroethane	12.536	117	5349	4.659	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	19220	5.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2973	4.726	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	9983	4.692	ug/l	95
94) Hexachlorobutadiene	13.725	225	4419	4.792	ug/l	93
95) Naphthalene	13.774	128	37751	4.902	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	10915	4.975	ug/l	95

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

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