

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038634.D
 Acq On : 07 Nov 2023 15:08
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 08 03:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	471992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	370615	96.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	192.540%#
35) Dibromofluoromethane	5.391	113	339020	99.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	199.460%#
50) Toluene-d8	8.653	98	1202859	98.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	197.760%#
62) 4-Bromofluorobenzene	11.079	95	476487	101.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	202.060%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	306635	95.488	ug/l	100
3) Chloromethane	1.300	50	247581	89.200	ug/l	97
4) Vinyl Chloride	1.374	62	272567	92.246	ug/l	97
5) Bromomethane	1.599	94	182686	80.103	ug/l	99
6) Chloroethane	1.678	64	172568	92.238	ug/l	96
7) Trichlorofluoromethane	1.880	101	472449	92.744	ug/l	99
8) Diethyl Ether	2.136	74	159509	91.215	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	273463	90.790	ug/l	90
10) Methyl Iodide	2.453	142	379854	102.114	ug/l	91
11) Tert butyl alcohol	2.971	59	350534	445.414	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	265215	91.903	ug/l	# 78
13) Acrolein	2.239	56	291825	489.251	ug/l	99
14) Allyl chloride	2.660	41	383300	92.732	ug/l	# 94
15) Acrylonitrile	3.062	53	778970	469.016	ug/l	99
16) Acetone	2.380	43	710512	438.234	ug/l	91
17) Carbon Disulfide	2.508	76	709442	92.520	ug/l	99
18) Methyl Acetate	2.703	43	641548	92.878	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	863416	93.561	ug/l	97
20) Methylene Chloride	2.788	84	290994	89.034	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	291720	92.853	ug/l	82
22) Diisopropyl ether	3.763	45	729871	93.689	ug/l	# 82
23) Vinyl Acetate	3.721	43	2654896	480.139	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	471928	91.564	ug/l	97
25) 2-Butanone	4.556	43	1087457	463.010	ug/l	# 86
26) 2,2-Dichloropropane	4.477	77	417777	92.836	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	336988	92.886	ug/l	85
28) Bromochloromethane	4.897	49	237866	102.694	ug/l	# 59
29) Tetrahydrofuran	5.001	42	685374	469.024	ug/l	# 82
30) Chloroform	5.092	83	542023	89.630	ug/l	97
31) Cyclohexane	5.470	56	393022	92.244	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	497610	93.502	ug/l	96
36) 1,1-Dichloropropene	5.690	75	384405	91.032	ug/l	94
37) Ethyl Acetate	4.714	43	404811	93.894	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	450521	95.435	ug/l	97
39) Methylcyclohexane	7.379	83	491639	93.121	ug/l	90
40) Benzene	6.037	78	1120133	92.096	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	210606	95.884	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	407826	92.929	ug/l	96
43) Isopropyl Acetate	6.342	43	633558	95.585	ug/l #	92
44) Trichloroethene	7.123	130	351008	92.753	ug/l	92
45) 1,2-Dichloropropane	7.427	63	273719	93.095	ug/l	99
46) Dibromomethane	7.580	93	230355	93.684	ug/l #	87
47) Bromodichloromethane	7.824	83	425182	91.946	ug/l	96
48) Methyl methacrylate	7.696	41	307080	96.134	ug/l #	83
49) 1,4-Dioxane	7.659	88	140227	1928.354	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	2044271	473.374	ug/l	91
52) Toluene	8.720	92	748372	93.928	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	471693	100.192	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	482968	97.177	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	318416	94.188	ug/l	97
56) Ethyl methacrylate	9.116	69	470570	99.489	ug/l	87
57) 1,3-Dichloropropane	9.311	76	492080	93.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1160902	499.196	ug/l	90
59) 2-Hexanone	9.433	43	1668249	477.423	ug/l	90
60) Dibromochloromethane	9.518	129	371719	97.950	ug/l	100
61) 1,2-Dibromoethane	9.610	107	358257	94.293	ug/l	99
64) Tetrachloroethene	9.275	164	307588	89.976	ug/l	95
65) Chlorobenzene	10.079	112	866042	93.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	335040	95.863	ug/l	99
67) Ethyl Benzene	10.195	91	1473131	93.674	ug/l	97
68) m/p-Xylenes	10.299	106	1179346	188.953	ug/l	93
69) o-Xylene	10.640	106	579703	95.509	ug/l	95
70) Styrene	10.652	104	970358	96.868	ug/l	95
71) Bromoform	10.799	173	313662	101.680	ug/l #	100
73) Isopropylbenzene	10.963	105	1516234	93.133	ug/l	97
74) N-amyl acetate	10.841	43	564884	99.861	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	519963	92.384	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	599473	114.063	ug/l	90
77) Bromobenzene	11.195	156	408994	91.536	ug/l	82
78) n-propylbenzene	11.305	91	1739761	91.832	ug/l	95
79) 2-Chlorotoluene	11.366	91	1041239	91.800	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1321229	94.295	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	170607	93.352	ug/l	84
82) 4-Chlorotoluene	11.457	91	1227102	92.606	ug/l	92
83) tert-Butylbenzene	11.713	119	1355777	95.492	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	1325901	95.408	ug/l	95
85) sec-Butylbenzene	11.890	105	1642977	92.741	ug/l	96
86) p-Isopropyltoluene	12.012	119	1421574	94.196	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	790767	92.568	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	797212	90.793	ug/l	97
89) n-Butylbenzene	12.335	91	1277396	95.117	ug/l	96
90) Hexachloroethane	12.536	117	254354	99.500	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	771030	92.420	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	132369	93.576	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	549663	92.116	ug/l	96
94) Hexachlorobutadiene	13.725	225	234177	90.949	ug/l	98
95) Naphthalene	13.774	128	1715307	95.298	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	538902	91.627	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

