

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037597.D
 Acq On : 08 Sep 2023 11:30
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 09 04:00:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	165183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10748	4.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	9.640%#
35) Dibromofluoromethane	5.391	113	9433	4.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.940%#
50) Toluene-d8	8.653	98	35440	5.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.180%#
62) 4-Bromofluorobenzene	11.085	95	12773	4.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8565	5.109	ug/l	99
3) Chloromethane	1.306	50	8703	4.637	ug/l	89
4) Vinyl Chloride	1.373	62	9614	4.973	ug/l	97
5) Bromomethane	1.599	94	4227	4.934	ug/l	99
6) Chloroethane	1.672	64	4682	4.521	ug/l	100
7) Trichlorofluoromethane	1.879	101	14159	5.389	ug/l	98
8) Diethyl Ether	2.135	74	5224	4.473	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.324	101	9033	5.140	ug/l	96
10) Methyl Iodide	2.446	142	9789	4.295	ug/l	89
11) Tert butyl alcohol	2.971	59	10730	21.505	ug/l	96
12) 1,1-Dichloroethene	2.318	96	8293	4.675	ug/l	82
13) Acrolein	2.239	56	11701	23.853	ug/l	99
14) Allyl chloride	2.660	41	11434	4.597	ug/l #	86
15) Acrylonitrile	3.068	53	24224	22.269	ug/l	97
16) Acetone	2.385	43	23495	25.623	ug/l #	83
17) Carbon Disulfide	2.507	76	19095	4.298	ug/l	99
18) Methyl Acetate	2.708	43	16607	4.464	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	28634	4.553	ug/l	100
20) Methylene Chloride	2.788	84	10108	3.872	ug/l #	81
21) trans-1,2-Dichloroethene	3.086	96	8717	4.399	ug/l	90
22) Diisopropyl ether	3.763	45	24636	4.677	ug/l #	92
23) Vinyl Acetate	3.727	43	82526	21.947	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	15938	4.643	ug/l	98
25) 2-Butanone	4.568	43	32263	23.200	ug/l #	81
26) 2,2-Dichloropropane	4.476	77	12031	4.755	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	10642	4.507	ug/l	87
28) Bromochloromethane	4.903	49	7029	4.691	ug/l #	72
29) Tetrahydrofuran	5.013	42	20345	22.836	ug/l #	83
30) Chloroform	5.098	83	17584	4.775	ug/l	97
31) Cyclohexane	5.470	56	13622	5.021	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	14609	4.606	ug/l	95
36) 1,1-Dichloropropene	5.690	75	12621	5.034	ug/l	98
37) Ethyl Acetate	4.720	43	12060	4.691	ug/l #	93
38) Carbon Tetrachloride	5.677	117	12266	4.733	ug/l	98
39) Methylcyclohexane	7.384	83	15894	5.199	ug/l	88
40) Benzene	6.043	78	38729	5.020	ug/l	98

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Quant Time: Sep 09 04:00:09 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5605	4.280	ug/l #	82
42) 1,2-Dichloroethane	6.092	62	12908	4.997	ug/l	94
43) Isopropyl Acetate	6.348	43	17860	4.638	ug/l #	89
44) Trichloroethene	7.128	130	10580	4.993	ug/l	93
45) 1,2-Dichloropropane	7.433	63	8879	4.700	ug/l	97
46) Dibromomethane	7.580	93	6738	4.752	ug/l	91
47) Bromodichloromethane	7.823	83	11954	4.614	ug/l	99
48) Methyl methacrylate	7.701	41	8268	4.486	ug/l #	78
49) 1,4-Dioxane	7.671	88	5117	88.495	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	59497	24.296	ug/l	90
52) Toluene	8.720	92	24725	4.934	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	11060	4.111	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	13210	4.413	ug/l #	82
55) 1,1,2-Trichloroethane	9.152	97	10124	4.859	ug/l	97
56) Ethyl methacrylate	9.122	69	13587	4.476	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	16722	4.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	36453	23.734	ug/l	93
59) 2-Hexanone	9.433	43	46212	24.742	ug/l	88
60) Dibromochloromethane	9.524	129	9011	4.344	ug/l	99
61) 1,2-Dibromoethane	9.610	107	10671	4.783	ug/l	98
64) Tetrachloroethene	9.274	164	8934	5.112	ug/l	99
65) Chlorobenzene	10.079	112	27217	4.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	9127	4.697	ug/l	98
67) Ethyl Benzene	10.195	91	45381	4.869	ug/l	98
68) m/p-Xylenes	10.305	106	35796	9.763	ug/l	98
69) o-Xylene	10.646	106	17290	4.743	ug/l	99
70) Styrene	10.658	104	27465	4.634	ug/l	96
71) Bromoform	10.805	173	6189	4.419	ug/l #	97
73) Isopropylbenzene	10.963	105	45731	5.124	ug/l	97
74) N-amyl acetate	10.847	43	14183	4.611	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	15341	4.947	ug/l	96
76) 1,2,3-Trichloropropane	11.237	75	15947	5.721	ug/l	90
77) Bromobenzene	11.201	156	11133	5.040	ug/l	91
78) n-propylbenzene	11.304	91	50253	5.063	ug/l	99
79) 2-Chlorotoluene	11.365	91	32813	5.203	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	38766	5.121	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3030	5.496	ug/l	95
82) 4-Chlorotoluene	11.457	91	35935	5.054	ug/l	98
83) tert-Butylbenzene	11.713	119	38483	5.043	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	37926	5.011	ug/l	96
85) sec-Butylbenzene	11.890	105	47167	5.127	ug/l	99
86) p-Isopropyltoluene	12.012	119	38208	4.904	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20396	4.853	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	20655	4.831	ug/l	94
89) n-Butylbenzene	12.335	91	29803	4.655	ug/l	97
90) Hexachloroethane	12.536	117	5866	4.431	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	20731	4.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	2975	4.506	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	11115	4.389	ug/l	98
94) Hexachlorobutadiene	13.725	225	5672	5.074	ug/l	97
95) Naphthalene	13.774	128	37191	4.204	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	11810	4.515	ug/l	99

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

