

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038091.D
 Acq On : 05 Oct 2023 10:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 05 15:06:24 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	233258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	11321	5.136	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.280%#		
35) Dibromofluoromethane	5.391	113	8203	4.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.760%#		
50) Toluene-d8	8.653	98	31176	4.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.700%#		
62) 4-Bromofluorobenzene	11.079	95	11801	4.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.700%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	6391	4.831	ug/l	95
3) Chloromethane	1.301	50	7032	5.216	ug/l	98
4) Vinyl Chloride	1.374	62	7589	5.077	ug/l	# 88
5) Bromomethane	1.599	94	13243	5.995	ug/l	92
6) Chloroethane	1.679	64	6281	3.864	ug/l	93
7) Trichlorofluoromethane	1.880	101	14867	5.035	ug/l	92
8) Diethyl Ether	2.136	74	5471	4.968	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	6556	5.086	ug/l	96
10) Methyl Iodide	2.453	142	8877	4.786	ug/l	94
11) Tert butyl alcohol	2.953	59	18690	28.588	ug/l	100
12) 1,1-Dichloroethene	2.319	96	6225	4.965	ug/l	93
13) Acrolein	2.233	56	7942	25.344	ug/l	100
14) Allyl chloride	2.660	41	10907	4.863	ug/l	95
15) Acrylonitrile	3.062	53	25142	25.064	ug/l	99
16) Acetone	2.380	43	23258	25.282	ug/l	91
17) Carbon Disulfide	2.508	76	16626	4.601	ug/l	98
18) Methyl Acetate	2.703	43	20381	5.166	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	25030	5.012	ug/l	# 88
20) Methylene Chloride	2.788	84	8969	5.183	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	7655	4.931	ug/l	96
22) Diisopropyl ether	3.764	45	23345	4.967	ug/l	95
23) Vinyl Acetate	3.727	43	81318	23.591	ug/l	98
24) 1,1-Dichloroethane	3.611	63	14089	4.939	ug/l	95
25) 2-Butanone	4.562	43	37716	25.410	ug/l	94
26) 2,2-Dichloropropane	4.471	77	10451	4.693	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	9296	5.028	ug/l	92
28) Bromochloromethane	4.904	49	6715	5.215	ug/l	# 90
29) Tetrahydrofuran	5.013	42	24465	25.316	ug/l	95
30) Chloroform	5.105	83	15600	5.001	ug/l	88
31) Cyclohexane	5.471	56	11613	4.863	ug/l	# 89
32) 1,1,1-Trichloroethane	5.385	97	12243	4.582	ug/l	98
36) 1,1-Dichloropropene	5.690	75	11394	4.916	ug/l	98
37) Ethyl Acetate	4.721	43	13609	4.944	ug/l	98
38) Carbon Tetrachloride	5.672	117	10514	4.611	ug/l	# 86
39) Methylcyclohexane	7.385	83	13344	4.915	ug/l	91
40) Benzene	6.037	78	32663	5.039	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6415	4.685	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	13091	5.054	ug/l	100
43) Isopropyl Acetate	6.342	43	19532	4.753	ug/l	99
44) Trichloroethene	7.123	130	8582	5.062	ug/l	96
45) 1,2-Dichloropropane	7.427	63	8519	5.077	ug/l	97
46) Dibromomethane	7.586	93	6434	4.944	ug/l	98
47) Bromodichloromethane	7.824	83	10719	4.630	ug/l	99
48) Methyl methacrylate	7.696	41	9592	4.890	ug/l	88
49) 1,4-Dioxane	7.671	88	4794	99.172	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	71077	25.077	ug/l	99
52) Toluene	8.720	92	20392	4.829	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	10157	4.088	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	11814	4.525	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	8928	4.943	ug/l	97
56) Ethyl methacrylate	9.116	69	12719	4.593	ug/l	90
57) 1,3-Dichloropropane	9.311	76	14076	4.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	33288	24.488	ug/l	99
59) 2-Hexanone	9.433	43	57515	25.241	ug/l	96
60) Dibromochloromethane	9.519	129	7710	4.361	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9290	4.756	ug/l	97
64) Tetrachloroethene	9.275	164	7280	5.032	ug/l	98
65) Chlorobenzene	10.079	112	23193	4.960	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	7222	4.567	ug/l	97
67) Ethyl Benzene	10.195	91	40634	4.868	ug/l	100
68) m/p-Xylenes	10.299	106	31641	9.803	ug/l	99
69) o-Xylene	10.640	106	15025	4.770	ug/l	99
70) Styrene	10.659	104	24104	4.699	ug/l	98
71) Bromoform	10.799	173	5341	6.295	ug/l #	100
73) Isopropylbenzene	10.963	105	39774	4.935	ug/l	99
74) N-amyl acetate	10.842	43	16071	4.669	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	14621	4.944	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	12131m	4.440	ug/l	
77) Bromobenzene	11.201	156	9653	4.905	ug/l	92
78) n-propylbenzene	11.305	91	48699	4.941	ug/l	100
79) 2-Chlorotoluene	11.366	91	28913	4.947	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	33081	4.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3024	7.005	ug/l #	82
82) 4-Chlorotoluene	11.457	91	32899	4.757	ug/l	97
83) tert-Butylbenzene	11.713	119	32547	4.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	34260	4.941	ug/l	100
85) sec-Butylbenzene	11.890	105	42967	4.882	ug/l	99
86) p-Isopropyltoluene	12.006	119	34839	4.797	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	19171	4.850	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	20215	5.010	ug/l	92
89) n-Butylbenzene	12.335	91	34630	4.788	ug/l	95
90) Hexachloroethane	12.536	117	5102	4.237	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	18850	4.962	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3242	4.534	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	12755	5.005	ug/l	97
94) Hexachlorobutadiene	13.725	225	4874	4.752	ug/l	98
95) Naphthalene	13.774	128	41651	4.694	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	11568	4.688	ug/l	94

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

