

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038032.D
 Acq On : 03 Oct 2023 11:27
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 05:25:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	11639	5.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.720%#		
35) Dibromofluoromethane	5.385	113	8545	5.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	8.647	98	32424	5.050	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.100%#		
62) 4-Bromofluorobenzene	11.085	95	11909	5.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	6884	4.967	ug/l	94
3) Chloromethane	1.295	50	11492	6.598	ug/l	94
4) Vinyl Chloride	1.374	62	8825	5.589	ug/l	98
5) Bromomethane	1.599	94	10736	4.965	ug/l	100
6) Chloroethane	1.685	64	7295	6.009	ug/l	92
7) Trichlorofluoromethane	1.886	101	15318	4.898	ug/l	97
8) Diethyl Ether	2.130	74	5820	5.082	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	6975	5.077	ug/l	98
10) Methyl Iodide	2.453	142	5989	3.817	ug/l	94
11) Tert butyl alcohol	2.965	59	11853	23.860	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	7015	5.414	ug/l #	72
13) Acrolein	2.233	56	6107	21.719	ug/l	94
14) Allyl chloride	2.666	41	12344	5.349	ug/l	97
15) Acrylonitrile	3.063	53	26093	26.357	ug/l	99
16) Acetone	2.380	43	23343	25.583	ug/l	91
17) Carbon Disulfide	2.508	76	18273	4.918	ug/l	97
18) Methyl Acetate	2.703	43	20953	5.245	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	26121	5.205	ug/l	98
20) Methylene Chloride	2.788	84	9421	4.891	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	8032	5.145	ug/l	90
22) Diisopropyl ether	3.764	45	25086	5.220	ug/l #	97
23) Vinyl Acetate	3.721	43	88648	25.545	ug/l	99
24) 1,1-Dichloroethane	3.611	63	15087	5.209	ug/l	97
25) 2-Butanone	4.562	43	37615	25.811	ug/l	99
26) 2,2-Dichloropropane	4.477	77	11731	5.121	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	9496	5.240	ug/l	93
28) Bromochloromethane	4.891	49	7049	5.189	ug/l #	92
29) Tetrahydrofuran	5.007	42	23491	24.798	ug/l	91
30) Chloroform	5.093	83	16264	5.122	ug/l	94
31) Cyclohexane	5.471	56	12065	4.908	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	12785	4.775	ug/l	93
36) 1,1-Dichloropropene	5.690	75	11828	4.974	ug/l	99
37) Ethyl Acetate	4.715	43	13781	5.116	ug/l	99
38) Carbon Tetrachloride	5.678	117	10989	4.674	ug/l	94
39) Methylcyclohexane	7.385	83	13937	4.925	ug/l	88
40) Benzene	6.038	78	34354	5.107	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6954	5.101	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	13769	5.230	ug/l	97
43) Isopropyl Acetate	6.342	43	21473	5.109	ug/l	97
44) Trichloroethene	7.129	130	8767	4.835	ug/l	98
45) 1,2-Dichloropropane	7.434	63	8921	5.206	ug/l #	85
46) Dibromomethane	7.580	93	6507	4.893	ug/l	95
47) Bromodichloromethane	7.824	83	11411	4.867	ug/l	95
48) Methyl methacrylate	7.696	41	9942	4.932	ug/l	86
49) 1,4-Dioxane	7.665	88	4380	98.298	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	73443	25.601	ug/l	99
52) Toluene	8.720	92	21517	4.909	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	11506	4.544	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	12736	4.793	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	8902	5.017	ug/l	97
56) Ethyl methacrylate	9.116	69	13372	4.899	ug/l	92
57) 1,3-Dichloropropane	9.311	76	14924	5.026	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	34537	26.172	ug/l	98
59) 2-Hexanone	9.433	43	57690	25.111	ug/l	99
60) Dibromochloromethane	9.519	129	8114	4.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9565	4.932	ug/l	98
64) Tetrachloroethene	9.275	164	7473	5.034	ug/l	94
65) Chlorobenzene	10.080	112	23850	5.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	7790	4.877	ug/l	99
67) Ethyl Benzene	10.195	91	42239	5.021	ug/l	98
68) m/p-Xylenes	10.299	106	31598	9.758	ug/l	99
69) o-Xylene	10.640	106	15355	4.969	ug/l	97
70) Styrene	10.659	104	24991	4.871	ug/l	99
71) Bromoform	10.799	173	5460	4.360	ug/l #	96
73) Isopropylbenzene	10.964	105	39994	5.066	ug/l	98
74) N-amyl acetate	10.842	43	17565	4.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	15886	5.419	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	13740m	5.360	ug/l	
77) Bromobenzene	11.201	156	9913	5.131	ug/l	94
78) n-propylbenzene	11.305	91	47747	4.934	ug/l	99
79) 2-Chlorotoluene	11.366	91	28956	5.149	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	34344	5.083	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3439	4.008	ug/l	97
82) 4-Chlorotoluene	11.457	91	34231	5.047	ug/l	96
83) tert-Butylbenzene	11.713	119	33597	4.993	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	35302	5.193	ug/l	100
85) sec-Butylbenzene	11.890	105	44261	5.104	ug/l	99
86) p-Isopropyltoluene	12.012	119	35737	5.015	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	19353	5.000	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	20163	5.099	ug/l	94
89) n-Butylbenzene	12.329	91	35608	4.986	ug/l	94
90) Hexachloroethane	12.536	117	5475	4.567	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	19398	5.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3241	4.689	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	12704	4.966	ug/l	95
94) Hexachlorobutadiene	13.725	225	5428	4.972	ug/l	99
95) Naphthalene	13.774	128	42862	4.945	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12567	5.080	ug/l	99

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

