

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038033.D
 Acq On : 03 Oct 2023 12:14
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 04 05:25:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107499	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1149	0.852	ug/l	95
3) Chloromethane	1.295	50	2678	1.580	ug/l	95
4) Vinyl Chloride	1.374	62	1611	1.049	ug/l #	52
6) Chloroethane	1.685	64	1024	0.867	ug/l #	86
7) Trichlorofluoromethane	1.892	101	3209	1.055	ug/l	84
8) Diethyl Ether	2.136	74	1301	1.168	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	1263	0.945	ug/l	88
12) 1,1-Dichloroethene	2.325	96	1318	1.045	ug/l #	71
14) Allyl chloride	2.672	41	2234	0.995	ug/l #	83
15) Acrylonitrile	3.069	53	5135	5.331	ug/l	95
16) Acetone	2.380	43	5359	6.036	ug/l	96
17) Carbon Disulfide	2.514	76	3985	1.102	ug/l #	92
18) Methyl Acetate	2.709	43	4178	1.075	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	4902	1.004	ug/l	92
20) Methylene Chloride	2.794	84	2002	1.068	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	1684	1.109	ug/l #	77
22) Diisopropyl ether	3.764	45	4612	0.986	ug/l #	72
23) Vinyl Acetate	3.727	43	16105	4.770	ug/l	100
24) 1,1-Dichloroethane	3.617	63	3112	1.104	ug/l #	83
25) 2-Butanone	4.568	43	7298	5.147	ug/l	98
26) 2,2-Dichloropropane	4.483	77	2232	1.001	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	1864	1.057	ug/l	92
28) Bromochloromethane	4.904	49	1311	0.992	ug/l #	93
29) Tetrahydrofuran	5.026	42	4858	5.271	ug/l	97
30) Chloroform	5.099	83	2941	0.952	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	2481	0.952	ug/l #	45
36) 1,1-Dichloropropene	5.702	75	2391	1.030	ug/l	99
37) Ethyl Acetate	4.727	43	3011	1.146	ug/l #	88
38) Carbon Tetrachloride	5.672	117	2341	1.020	ug/l	91
39) Methylcyclohexane	7.379	83	2581	0.935	ug/l	96
40) Benzene	6.044	78	6727	1.025	ug/l	99
41) Methacrylonitrile	4.934	41	1291	0.971	ug/l #	86
42) 1,2-Dichloroethane	6.111	62	2617	1.019	ug/l	81
43) Isopropyl Acetate	6.349	43	3970	0.968	ug/l	94
44) Trichloroethene	7.135	130	1787	1.010	ug/l	98
45) 1,2-Dichloropropane	7.434	63	1738	1.039	ug/l	96

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Reviewed By : John Carlone 10/04/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1214	0.935	ug/l	94
47) Bromodichloromethane	7.830	83	2152	0.941	ug/l #	97
48) Methyl methacrylate	7.702	41	1871	0.951	ug/l #	84
49) 1,4-Dioxane	7.665	88	812	18.676	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	13490	4.819	ug/l	99
52) Toluene	8.720	92	4152	0.971	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	1912	0.774	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	2272	0.876	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1793	1.036	ug/l #	86
56) Ethyl methacrylate	9.122	69	2301	0.864	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	2915	1.006	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.251	63	6209	4.822	ug/l	96
59) 2-Hexanone	9.433	43	10333	4.609	ug/l	99
60) Dibromochloromethane	9.519	129	1451	0.840	ug/l	94
61) 1,2-Dibromoethane	9.610	107	1816	0.960	ug/l	98
64) Tetrachloroethene	9.275	164	1505	1.052	ug/l #	86
65) Chlorobenzene	10.080	112	4860	1.082	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1511	0.982	ug/l #	63
67) Ethyl Benzene	10.195	91	7782	0.960	ug/l	100
68) m/p-Xylenes	10.305	106	5977	1.916	ug/l	99
69) o-Xylene	10.647	106	2675	0.899	ug/l	80
70) Styrene	10.659	104	4329	0.876	ug/l	96
71) Bromoform	10.799	173	980	0.812	ug/l #	97
73) Isopropylbenzene	10.964	105	7545	1.019	ug/l	99
74) N-amyl acetate	10.848	43	2877	0.858	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	2880	1.048	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	2473m	1.029	ug/l	
77) Bromobenzene	11.201	156	1944	1.073	ug/l	89
78) n-propylbenzene	11.305	91	9139	1.007	ug/l	96
79) 2-Chlorotoluene	11.366	91	5915	1.122	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5906	0.932	ug/l	99
82) 4-Chlorotoluene	11.457	91	6809	1.071	ug/l	96
83) tert-Butylbenzene	11.713	119	6542	1.037	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	6511	1.022	ug/l	98
85) sec-Butylbenzene	11.890	105	8150	1.002	ug/l	99
86) p-Isopropyltoluene	12.012	119	6812	1.020	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	3701	1.020	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	4344m	1.172	ug/l	
89) n-Butylbenzene	12.335	91	6491	0.969	ug/l	93
90) Hexachloroethane	12.536	117	1046	0.931	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	3733	1.078	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	513	0.792	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	2561	1.068	ug/l	98
94) Hexachlorobutadiene	13.725	225	974	0.952	ug/l	89
95) Naphthalene	13.774	128	8047	0.990	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2704	1.166	ug/l	94

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

