

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038838.D
 Acq On : 16 Nov 2023 14:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 16 22:46:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	179710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	333103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60322	20.831	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.660%#		
35) Dibromofluoromethane	5.379	113	49570	20.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.200%#		
50) Toluene-d8	8.647	98	194994	21.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.360%#		
62) 4-Bromofluorobenzene	11.079	95	77982	21.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39137	18.664	ug/l	97
3) Chloromethane	1.294	50	53479	19.540	ug/l	95
4) Vinyl Chloride	1.374	62	54897	20.823	ug/l	99
5) Bromomethane	1.599	94	23053	21.149	ug/l	97
6) Chloroethane	1.679	64	31774	21.119	ug/l	96
7) Trichlorofluoromethane	1.880	101	70875	21.186	ug/l	99
8) Diethyl Ether	2.130	74	30117	20.669	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	46874	21.128	ug/l	98
10) Methyl Iodide	2.447	142	58196	21.552	ug/l	91
11) Tert butyl alcohol	2.953	59	87541	108.693	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	46721	20.859	ug/l	89
13) Acrolein	2.233	56	41139	96.546	ug/l	98
14) Allyl chloride	2.660	41	95199	21.228	ug/l	90
15) Acrylonitrile	3.056	53	180056	105.803	ug/l	99
16) Acetone	2.373	43	167072	108.381	ug/l #	88
17) Carbon Disulfide	2.508	76	145192	20.927	ug/l	100
18) Methyl Acetate	2.697	43	147243	20.109	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	167782	21.297	ug/l	99
20) Methylene Chloride	2.788	84	56813	20.445	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	52056	21.063	ug/l	95
22) Diisopropyl ether	3.757	45	170795	20.760	ug/l	87
23) Vinyl Acetate	3.715	43	640486	108.097	ug/l	99
24) 1,1-Dichloroethane	3.605	63	96401	20.954	ug/l	98
25) 2-Butanone	4.544	43	266364	106.555	ug/l	95
26) 2,2-Dichloropropane	4.471	77	84230	21.107	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	61038	21.188	ug/l	95
28) Bromochloromethane	4.885	49	43493	19.690	ug/l	98
29) Tetrahydrofuran	4.995	42	168472	106.143	ug/l	96
30) Chloroform	5.086	83	93390	20.789	ug/l	98
31) Cyclohexane	5.458	56	90562	21.905	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	81630	20.979	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74377	21.571	ug/l	98
37) Ethyl Acetate	4.702	43	95620	21.286	ug/l	97
38) Carbon Tetrachloride	5.666	117	68951	21.637	ug/l	94
39) Methylcyclohexane	7.373	83	95018	21.127	ug/l	93
40) Benzene	6.031	78	218512	21.427	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	49370	21.190	ug/l	91
42) 1,2-Dichloroethane	6.080	62	72316	21.403	ug/l	95
43) Isopropyl Acetate	6.330	43	150905	21.020	ug/l	96
44) Trichloroethene	7.123	130	52569	21.177	ug/l	96
45) 1,2-Dichloropropane	7.427	63	59073	21.525	ug/l	97
46) Dibromomethane	7.574	93	39645	21.662	ug/l	97
47) Bromodichloromethane	7.818	83	76222	20.984	ug/l	99
48) Methyl methacrylate	7.690	41	69656	19.997	ug/l	90
49) 1,4-Dioxane	7.659	88	28572	423.989	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	494490	107.781	ug/l	98
52) Toluene	8.714	92	134938	21.322	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91679	21.238	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96571	21.658	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	55383	20.974	ug/l	93
56) Ethyl methacrylate	9.116	69	95640	21.407	ug/l	94
57) 1,3-Dichloropropane	9.305	76	94516	21.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	202305	97.202	ug/l	95
59) 2-Hexanone	9.427	43	404326	109.951	ug/l	96
60) Dibromochloromethane	9.519	129	56074	20.885	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58326	21.050	ug/l	100
64) Tetrachloroethene	9.269	164	40592	21.366	ug/l	96
65) Chlorobenzene	10.079	112	139698	21.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50137	21.169	ug/l	97
67) Ethyl Benzene	10.195	91	263087	21.749	ug/l	99
68) m/p-Xylenes	10.299	106	199756	43.655	ug/l	100
69) o-Xylene	10.640	106	97830	21.607	ug/l	100
70) Styrene	10.653	104	166238	21.740	ug/l	98
71) Bromoform	10.799	173	41664	21.102	ug/l #	99
73) Isopropylbenzene	10.963	105	252304	21.182	ug/l	99
74) N-amyl acetate	10.842	43	135183	21.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98044	21.086	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80662m	21.712	ug/l	
77) Bromobenzene	11.195	156	56176	20.989	ug/l	96
78) n-propylbenzene	11.305	91	315500	21.519	ug/l	98
79) 2-Chlorotoluene	11.366	91	183514	21.091	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216697	21.636	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36122	21.006	ug/l #	79
82) 4-Chlorotoluene	11.451	91	215742	21.503	ug/l	100
83) tert-Butylbenzene	11.713	119	206309	20.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	216410	21.348	ug/l	99
85) sec-Butylbenzene	11.890	105	279098	21.632	ug/l	99
86) p-Isopropyltoluene	12.006	119	221404	21.377	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111096	21.197	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	113399	21.140	ug/l	99
89) n-Butylbenzene	12.329	91	223714	21.409	ug/l	98
90) Hexachloroethane	12.536	117	44499	21.515	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	106780	21.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23812	20.902	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	70749	21.238	ug/l	97
94) Hexachlorobutadiene	13.725	225	25621	21.719	ug/l	100
95) Naphthalene	13.774	128	259079	20.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66988	21.213	ug/l	98

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

