

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038637.D
 Acq On : 07 Nov 2023 16:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 08 03:07:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	339974	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	512197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	290885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	383561	90.622	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 181.240%#			
35) Dibromofluoromethane	5.379	113	352872	95.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 191.320%#			
50) Toluene-d8	8.647	98	1245981	94.388	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 188.780%#			
62) 4-Bromofluorobenzene	11.079	95	501355	97.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	370887	105.050	ug/l	99
3) Chloromethane	1.300	50	284562	93.250	ug/l	98
4) Vinyl Chloride	1.374	62	318067	97.908	ug/l	99
5) Bromomethane	1.599	94	206257	82.258	ug/l	98
6) Chloroethane	1.672	64	189171	91.967	ug/l	97
7) Trichlorofluoromethane	1.880	101	568551	101.514	ug/l	100
8) Diethyl Ether	2.130	74	186962	97.243	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	338453	102.203	ug/l	90
10) Methyl Iodide	2.447	142	458528	112.114	ug/l	91
11) Tert butyl alcohol	2.971	59	407911	471.439	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	312842	98.601	ug/l #	80
13) Acrolein	2.233	56	315841	481.619	ug/l	99
14) Allyl chloride	2.660	41	451840	99.426	ug/l #	94
15) Acrylonitrile	3.062	53	897179	491.328	ug/l	99
16) Acetone	2.379	43	867182	486.486	ug/l	90
17) Carbon Disulfide	2.507	76	829174	98.354	ug/l	98
18) Methyl Acetate	2.703	43	744047	97.974	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	1007673	99.316	ug/l	97
20) Methylene Chloride	2.782	84	337833	94.016	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	342391	99.124	ug/l	84
22) Diisopropyl ether	3.757	45	851920	99.465	ug/l #	83
23) Vinyl Acetate	3.715	43	3126563	514.295	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	547299	96.583	ug/l	97
25) 2-Butanone	4.550	43	1271075	492.238	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	517457	104.586	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	394218	98.833	ug/l	85
28) Bromochloromethane	4.891	49	243348	95.558	ug/l #	59
29) Tetrahydrofuran	4.995	42	791320	492.545	ug/l #	81
30) Chloroform	5.086	83	628652	94.552	ug/l	98
31) Cyclohexane	5.464	56	472761	100.923	ug/l	84
32) 1,1,1-Trichloroethane	5.379	97	592155	101.203	ug/l	96
36) 1,1-Dichloropropene	5.684	75	458816	100.125	ug/l	94
37) Ethyl Acetate	4.708	43	470447	100.553	ug/l #	94
38) Carbon Tetrachloride	5.672	117	538049	105.030	ug/l	99
39) Methylcyclohexane	7.379	83	605855	105.747	ug/l	90
40) Benzene	6.031	78	1301911	98.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	243959	102.350	ug/l #	87
42) 1,2-Dichloroethane	6.080	62	476984	100.156	ug/l	96
43) Isopropyl Acetate	6.336	43	743646	103.387	ug/l #	92
44) Trichloroethene	7.123	130	416316	101.376	ug/l	89
45) 1,2-Dichloropropane	7.427	63	321650	100.810	ug/l	99
46) Dibromomethane	7.580	93	267010	100.067	ug/l #	85
47) Bromodichloromethane	7.818	83	499963	99.630	ug/l	98
48) Methyl methacrylate	7.689	41	359792	103.794	ug/l #	84
49) 1,4-Dioxane	7.659	88	164397	2083.275	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	2357033	502.955	ug/l	91
52) Toluene	8.714	92	879079	101.672	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	552401	108.124	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	568607	105.427	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	368534	100.456	ug/l	97
56) Ethyl methacrylate	9.116	69	555540	108.234	ug/l	87
57) 1,3-Dichloropropane	9.305	76	569593	99.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1319578	522.887	ug/l	90
59) 2-Hexanone	9.433	43	1943560	512.552	ug/l	90
60) Dibromochloromethane	9.518	129	435641	105.783	ug/l	100
61) 1,2-Dibromoethane	9.610	107	420779	102.056	ug/l	100
64) Tetrachloroethene	9.275	164	368271	99.760	ug/l	95
65) Chlorobenzene	10.079	112	1013047	100.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	392478	103.993	ug/l	98
67) Ethyl Benzene	10.195	91	1742987	102.637	ug/l	96
68) m/p-Xylenes	10.299	106	1393075	206.691	ug/l	93
69) o-Xylene	10.640	106	683324	104.256	ug/l	94
70) Styrene	10.652	104	1136925	105.102	ug/l	95
71) Bromoform	10.799	173	368826	110.721	ug/l #	99
73) Isopropylbenzene	10.963	105	1779216	99.700	ug/l	96
74) N-amyl acetate	10.841	43	666057	107.419	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	593758	96.242	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	575496m	99.896	ug/l	
77) Bromobenzene	11.195	156	482685	98.553	ug/l	81
78) n-propylbenzene	11.305	91	2073362	99.841	ug/l	96
79) 2-Chlorotoluene	11.366	91	1232804	99.156	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1552360	101.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	202463	99.899	ug/l #	84
82) 4-Chlorotoluene	11.451	91	1443892	99.409	ug/l	92
83) tert-Butylbenzene	11.713	119	1564786	100.546	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1556298	102.164	ug/l	95
85) sec-Butylbenzene	11.890	105	1966326	101.257	ug/l	95
86) p-Isopropyltoluene	12.012	119	1715983	103.731	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	931010	99.425	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	940729	97.740	ug/l	96
89) n-Butylbenzene	12.335	91	1550885	105.351	ug/l	97
90) Hexachloroethane	12.536	117	309654	110.508	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	893952	97.755	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	157560	101.614	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	666564	101.908	ug/l	97
94) Hexachlorobutadiene	13.725	225	290841	103.048	ug/l	99
95) Naphthalene	13.774	128	2004305	101.587	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	644875	100.027	ug/l	97

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

