

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035924.D
 Acq On : 31 May 2023 10:26
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 31 12:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:28:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	198820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	364084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	151638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17589	5.448	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.900%#		
35) Dibromofluoromethane	5.385	113	12760	5.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.420%#		
50) Toluene-d8	8.647	98	46526	5.294	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.580%#		
62) 4-Bromofluorobenzene	11.079	95	17362	5.004	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11319	5.211	ug/l	98
3) Chloromethane	1.294	50	13274	5.346	ug/l	91
4) Vinyl Chloride	1.374	62	12107	5.191	ug/l	98
5) Bromomethane	1.611	94	8106	5.277	ug/l	97
6) Chloroethane	1.685	64	6310	4.595	ug/l	99
7) Trichlorofluoromethane	1.886	101	17626	5.371	ug/l	92
8) Diethyl Ether	2.130	74	7286	5.112	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	10444	5.127	ug/l	96
10) Methyl Iodide	2.447	142	10644	4.439	ug/l	96
11) Tert butyl alcohol	2.995	59	14875m	25.923	ug/l	
12) 1,1-Dichloroethene	2.319	96	10181	5.104	ug/l	89
13) Acrolein	2.239	56	15494	28.054	ug/l	100
14) Allyl chloride	2.660	41	20212	4.929	ug/l	95
15) Acrylonitrile	3.068	53	35192	26.124	ug/l	99
16) Acetone	2.392	43	34070	25.579	ug/l	92
17) Carbon Disulfide	2.508	76	24080	4.818	ug/l	98
18) Methyl Acetate	2.709	43	27169	5.247	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	40567	5.192	ug/l	98
20) Methylene Chloride	2.788	84	13767	5.366	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	11639	5.105	ug/l	96
22) Diisopropyl ether	3.751	45	40881	5.126	ug/l #	77
23) Vinyl Acetate	3.721	43	139406	24.879	ug/l	98
24) 1,1-Dichloroethane	3.605	63	23490	5.310	ug/l	99
25) 2-Butanone	4.568	43	49505	25.968	ug/l	98
26) 2,2-Dichloropropane	4.471	77	15812	4.690	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	13962	5.102	ug/l	97
28) Bromochloromethane	4.897	49	11942	5.155	ug/l	93
29) Tetrahydrofuran	5.019	42	33198	27.023	ug/l	99
30) Chloroform	5.092	83	23360	5.127	ug/l	97
31) Cyclohexane	5.470	56	17935	5.306	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	19052	4.948	ug/l	96
36) 1,1-Dichloropropene	5.696	75	16469	5.044	ug/l	99
37) Ethyl Acetate	4.721	43	18649	5.129	ug/l	96
38) Carbon Tetrachloride	5.684	117	15084	4.741	ug/l #	83
39) Methylcyclohexane	7.373	83	16981	4.985	ug/l	99
40) Benzene	6.044	78	51737	5.280	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10891	5.280	ug/l	96
42) 1,2-Dichloroethane	6.080	62	20536	5.292	ug/l	96
43) Isopropyl Acetate	6.342	43	29259	4.894	ug/l	97
44) Trichloroethene	7.129	130	12997	5.113	ug/l	92
45) 1,2-Dichloropropane	7.427	63	12985	5.034	ug/l	99
46) Dibromomethane	7.580	93	8958	5.000	ug/l	94
47) Bromodichloromethane	7.824	83	15729	4.667	ug/l	94
48) Methyl methacrylate	7.696	41	14305	4.879	ug/l	91
49) 1,4-Dioxane	7.708	88	6854	102.065	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	96097	26.330	ug/l	98
52) Toluene	8.720	92	32437	5.265	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	15351	4.309	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	18123	4.607	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	13080	5.096	ug/l	99
56) Ethyl methacrylate	9.116	69	18654	4.861	ug/l	93
57) 1,3-Dichloropropane	9.311	76	23147	5.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	50814	25.271	ug/l	99
59) 2-Hexanone	9.433	43	70949	26.295	ug/l	100
60) Dibromochloromethane	9.525	129	11180	4.487	ug/l	98
61) 1,2-Dibromoethane	9.610	107	13281	5.061	ug/l	98
64) Tetrachloroethene	9.275	164	10768	5.240	ug/l	93
65) Chlorobenzene	10.079	112	33690	5.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	11026	4.751	ug/l	95
67) Ethyl Benzene	10.195	91	59916	5.102	ug/l	99
68) m/p-Xylenes	10.299	106	46305	10.393	ug/l	95
69) o-Xylene	10.640	106	22923	5.120	ug/l	94
70) Styrene	10.652	104	35702	4.935	ug/l	99
71) Bromoform	10.799	173	6852	4.263	ug/l #	99
73) Isopropylbenzene	10.963	105	56372	5.116	ug/l	99
74) N-amyl acetate	10.841	43	24187	5.036	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	20266	5.376	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	18157m	5.309	ug/l	
77) Bromobenzene	11.195	156	14004	5.139	ug/l	96
78) n-propylbenzene	11.305	91	63614	5.115	ug/l	98
79) 2-Chlorotoluene	11.366	91	41867	5.169	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	47847	5.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3903	7.361	ug/l	89
82) 4-Chlorotoluene	11.451	91	48037	5.167	ug/l	99
83) tert-Butylbenzene	11.713	119	44650	5.031	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	48647	5.102	ug/l	99
85) sec-Butylbenzene	11.890	105	54014	5.131	ug/l	98
86) p-Isopropyltoluene	12.006	119	44689	4.965	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	25866	5.182	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	26788	5.094	ug/l	94
89) n-Butylbenzene	12.329	91	36639	4.818	ug/l	99
90) Hexachloroethane	12.536	117	6178	4.328	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	25437	5.119	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3278	4.214	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	14032	4.852	ug/l	100
94) Hexachlorobutadiene	13.725	225	5618	5.107	ug/l	94
95) Naphthalene	13.774	128	47687	4.738	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13499	4.732	ug/l	99

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

