

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035925.D
 Acq On : 31 May 2023 10:49
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 31 11:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:13:08 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	5.556	168	200285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64252	18.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.100%#		
35) Dibromofluoromethane	5.385	113	48633	19.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.760%#		
50) Toluene-d8	8.646	98	176348	19.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.300%#		
62) 4-Bromofluorobenzene	11.079	95	68755	18.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41717	15.662	ug/l	98
3) Chloromethane	1.294	50	48030	17.489	ug/l	94
4) Vinyl Chloride	1.373	62	44023	16.688	ug/l	100
5) Bromomethane	1.617	94	28443	17.992	ug/l	95
6) Chloroethane	1.690	64	26118	17.719	ug/l	99
7) Trichlorofluoromethane	1.885	101	63373	16.008	ug/l	97
8) Diethyl Ether	2.135	74	26874	18.485	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	38921	16.587	ug/l	99
10) Methyl Iodide	2.452	142	44816	18.828	ug/l	99
11) Tert butyl alcohol	3.001	59	56828	91.687	ug/l	96
12) 1,1-Dichloroethene	2.318	96	37797	17.186	ug/l	96
13) Acrolein	2.239	56	52817	85.932	ug/l	99
14) Allyl chloride	2.666	41	78914	18.162	ug/l	98
15) Acrylonitrile	3.068	53	130539	92.075	ug/l	100
16) Acetone	2.391	43	129438	90.081	ug/l	98
17) Carbon Disulfide	2.513	76	89985	17.664	ug/l	99
18) Methyl Acetate	2.702	43	102330	18.444	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	153943	18.154	ug/l	99
20) Methylene Chloride	2.788	84	48276	14.582	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	44173	18.219	ug/l	97
22) Diisopropyl ether	3.757	45	160293	18.372	ug/l	99
23) Vinyl Acetate	3.720	43	560647	92.245	ug/l	100
24) 1,1-Dichloroethane	3.611	63	85926	17.846	ug/l	100
25) 2-Butanone	4.562	43	186247	89.609	ug/l	96
26) 2,2-Dichloropropane	4.476	77	64252	17.305	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53085	18.823	ug/l	94
28) Bromochloromethane	4.897	49	51315	21.993	ug/l	91
29) Tetrahydrofuran	5.007	42	123067	91.520	ug/l	99
30) Chloroform	5.092	83	90792	18.381	ug/l	99
31) Cyclohexane	5.464	56	64446	15.245	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	73306	17.175	ug/l	99
36) 1,1-Dichloropropene	5.690	75	60832	15.964	ug/l	98
37) Ethyl Acetate	4.708	43	68896	16.702	ug/l	98
38) Carbon Tetrachloride	5.677	117	57488	16.006	ug/l	97
39) Methylcyclohexane	7.378	83	62618	14.401	ug/l	98
40) Benzene	6.037	78	187002	17.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39654	16.887	ug/l	96
42) 1,2-Dichloroethane	6.086	62	74753	16.581	ug/l	98
43) Isopropyl Acetate	6.342	43	113354	17.148	ug/l	98
44) Trichloroethene	7.128	130	47569	17.892	ug/l	99
45) 1,2-Dichloropropane	7.427	63	49396	17.550	ug/l	97
46) Dibromomethane	7.580	93	34507	17.855	ug/l	95
47) Bromodichloromethane	7.823	83	65122	18.078	ug/l	100
48) Methyl methacrylate	7.695	41	56666	16.700	ug/l	95
49) 1,4-Dioxane	7.701	88	26330	363.611	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	360970	87.722	ug/l	99
52) Toluene	8.720	92	119835	17.877	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	67386	18.115	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	75259	18.535	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	49974	18.805	ug/l	98
56) Ethyl methacrylate	9.116	69	74113	17.713	ug/l	95
57) 1,3-Dichloropropane	9.311	76	84371	17.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	191458	86.482	ug/l	98
59) 2-Hexanone	9.433	43	273692	87.998	ug/l	98
60) Dibromochloromethane	9.518	129	47049	19.349	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51082	18.254	ug/l	98
64) Tetrachloroethene	9.274	164	38534	17.577	ug/l	96
65) Chlorobenzene	10.079	112	123803	17.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	44939	18.997	ug/l	98
67) Ethyl Benzene	10.195	91	224296	17.534	ug/l	99
68) m/p-Xylenes	10.299	106	168735	35.651	ug/l	100
69) o-Xylene	10.640	106	85757	18.239	ug/l	97
70) Styrene	10.652	104	141710	18.347	ug/l	98
71) Bromoform	10.798	173	29654	19.389	ug/l #	98
73) Isopropylbenzene	10.963	105	215718	17.165	ug/l	98
74) N-amyl acetate	10.841	43	97161	17.776	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	74488	18.133	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	68818m	17.796	ug/l	
77) Bromobenzene	11.201	156	52595	18.554	ug/l	95
78) n-propylbenzene	11.304	91	242511	16.556	ug/l	98
79) 2-Chlorotoluene	11.365	91	156682	16.873	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183145	17.104	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17543	16.647	ug/l	96
82) 4-Chlorotoluene	11.457	91	181605	17.186	ug/l	98
83) tert-Butylbenzene	11.713	119	172190	16.752	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	187366	17.473	ug/l	99
85) sec-Butylbenzene	11.890	105	206043	16.040	ug/l	100
86) p-Isopropyltoluene	12.012	119	175529	16.342	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96648	17.863	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	99207	17.799	ug/l	99
89) n-Butylbenzene	12.329	91	145924	15.456	ug/l	99
90) Hexachloroethane	12.536	117	26385	16.980	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	98746	18.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16012	18.627	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	56541	17.994	ug/l	99
94) Hexachlorobutadiene	13.725	225	19588	15.547	ug/l	99
95) Naphthalene	13.774	128	204235	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55249	17.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

