

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031154.D
 Acq On : 07 Sep 2022 12:38
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 22:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 22:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	27876	20.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.580%#		
35) Dibromofluoromethane	5.391	113	21546	20.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.900%#		
50) Toluene-d8	8.653	98	78076	20.896	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.800%#		
62) 4-Bromofluorobenzene	11.079	95	28146	20.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.120%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20656	22.147	ug/l	96
3) Chloromethane	1.288	50	14415	20.113	ug/l	94
4) Vinyl Chloride	1.373	62	17769	21.002	ug/l	91
5) Bromomethane	1.611	94	10777	19.937	ug/l	92
6) Chloroethane	1.684	64	9946	20.956	ug/l	97
7) Trichlorofluoromethane	1.886	101	38565	20.919	ug/l	90
8) Diethyl Ether	2.136	74	10683	20.402	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	21055	20.196	ug/l	96
10) Methyl Iodide	2.453	142	27001	20.945	ug/l #	90
11) Tert butyl alcohol	3.007	59	28719	96.022	ug/l #	87
12) 1,1-Dichloroethene	2.318	96	20243	20.659	ug/l	94
13) Acrolein	2.239	56	19123	100.209	ug/l	96
14) Allyl chloride	2.666	41	26676	20.265	ug/l #	80
15) Acrylonitrile	3.068	53	54083	103.368	ug/l	98
16) Acetone	2.392	43	47064	98.923	ug/l	94
17) Carbon Disulfide	2.514	76	49481	20.539	ug/l #	94
18) Methyl Acetate	2.709	43	25467	20.677	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	74051	21.277	ug/l #	87
20) Methylene Chloride	2.788	84	22961	20.534	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	21828	20.105	ug/l	98
22) Diisopropyl ether	3.763	45	58535	21.177	ug/l #	93
23) Vinyl Acetate	3.727	43	243793	105.078	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	38651	21.081	ug/l	94
25) 2-Butanone	4.568	43	70364	99.847	ug/l	90
26) 2,2-Dichloropropane	4.477	77	33781	20.590	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	25227	20.238	ug/l	98
28) Bromochloromethane	4.903	49	13846	20.827	ug/l #	80
29) Tetrahydrofuran	5.013	42	42143	101.290	ug/l #	76
30) Chloroform	5.098	83	43449	21.814	ug/l	98
31) Cyclohexane	5.470	56	31118	20.266	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	40212	20.572	ug/l	97
36) 1,1-Dichloropropene	5.696	75	31534	20.475	ug/l	96
37) Ethyl Acetate	4.720	43	29241	21.402	ug/l	98
38) Carbon Tetrachloride	5.678	117	34985	23.009	ug/l	98
39) Methylcyclohexane	7.385	83	37694	21.430	ug/l	94
40) Benzene	6.043	78	86837	20.756	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	14444	21.515	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	35773	20.884	ug/l	97
43) Isopropyl Acetate	6.342	43	46699	21.679	ug/l #	96
44) Trichloroethene	7.129	130	24839	21.121	ug/l	97
45) 1,2-Dichloropropane	7.433	63	21022	20.446	ug/l	93
46) Dibromomethane	7.586	93	17154	21.040	ug/l	94
47) Bromodichloromethane	7.824	83	34477	21.739	ug/l #	99
48) Methyl methacrylate	7.696	41	21199	20.209	ug/l #	80
49) 1,4-Dioxane	7.708	88	11981	413.740	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	136863	103.756	ug/l	89
52) Toluene	8.720	92	57695	20.908	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	35391	21.421	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	38378	21.636	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24014	21.167	ug/l	99
56) Ethyl methacrylate	9.116	69	36166	21.637	ug/l	92
57) 1,3-Dichloropropane	9.311	76	40297	20.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83575	106.092	ug/l	94
59) 2-Hexanone	9.433	43	105362	105.624	ug/l	91
60) Dibromochloromethane	9.524	129	25249	21.587	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25553	20.268	ug/l	99
64) Tetrachloroethene	9.274	164	21702	20.991	ug/l	97
65) Chlorobenzene	10.079	112	60508	20.693	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22308	19.532	ug/l	97
67) Ethyl Benzene	10.195	91	111222	20.989	ug/l	98
68) m/p-Xylenes	10.305	106	81379	41.429	ug/l	86
69) o-Xylene	10.640	106	39981	20.394	ug/l	86
70) Styrene	10.658	104	66889	21.277	ug/l	94
71) Bromoform	10.799	173	15921	20.922	ug/l #	97
73) Isopropylbenzene	10.963	105	108602	20.398	ug/l	98
74) N-amyl acetate	10.841	43	34579	20.400	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	33403	20.097	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	33340m	17.484	ug/l	
77) Bromobenzene	11.201	156	23285	20.122	ug/l	93
78) n-propylbenzene	11.305	91	126268	20.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	78244	20.809	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	91875	20.526	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10149	19.559	ug/l	88
82) 4-Chlorotoluene	11.457	91	88293	20.296	ug/l	95
83) tert-Butylbenzene	11.713	119	88280	20.007	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	93310	21.443	ug/l	93
85) sec-Butylbenzene	11.890	105	113689	20.804	ug/l	98
86) p-Isopropyltoluene	12.012	119	91668	20.763	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	44767	20.816	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	44412	20.488	ug/l	96
89) n-Butylbenzene	12.335	91	80526	21.155	ug/l	99
90) Hexachloroethane	12.542	117	15495	20.427	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42907	20.344	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8478	18.573	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	26540	21.519	ug/l	97
94) Hexachlorobutadiene	13.725	225	10535	20.115	ug/l	99
95) Naphthalene	13.774	128	100376	20.776	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26124	20.805	ug/l	97

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

