

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091322\
 Data File : VX031297.D
 Acq On : 13 Sep 2022 18:16
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 14 05:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:31:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	41788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	64877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	18737	21.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.240%#		
35) Dibromofluoromethane	5.385	113	16536	21.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.940%#		
50) Toluene-d8	8.653	98	59464	21.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	43.980%#		
62) 4-Bromofluorobenzene	11.085	95	19068	20.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8689	20.185	ug/l	93
3) Chloromethane	1.288	50	23611	18.768	ug/l	99
4) Vinyl Chloride	1.367	62	27273	19.798	ug/l	99
5) Bromomethane	1.611	94	54662	16.568	ug/l	99
6) Chloroethane	1.684	64	71683	26.161	ug/l	99
7) Trichlorofluoromethane	1.886	101	57442	20.514	ug/l	99
8) Diethyl Ether	2.135	74	25102	21.140	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	13186	19.690	ug/l	96
10) Methyl Iodide	2.452	142	13748	18.352	ug/l	98
11) Tert butyl alcohol	3.001	59	31288m	101.180	ug/l	
12) 1,1-Dichloroethene	2.318	96	11816	17.652	ug/l	98
13) Acrolein	2.239	56	25153	98.453	ug/l	98
14) Allyl chloride	2.666	41	26551	19.521	ug/l	96
15) Acrylonitrile	3.074	53	58670	100.038	ug/l	98
16) Acetone	2.398	43	47001	97.885	ug/l	94
17) Carbon Disulfide	2.507	76	24129	17.214	ug/l #	94
18) Methyl Acetate	2.715	43	30111	20.063	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	54884	19.630	ug/l	95
20) Methylene Chloride	2.794	84	15172	18.480	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	14885	19.534	ug/l	97
22) Diisopropyl ether	3.763	45	63199	20.052	ug/l	92
23) Vinyl Acetate	3.727	43	272074	97.569	ug/l	99
24) 1,1-Dichloroethane	3.611	63	29187	19.604	ug/l	98
25) 2-Butanone	4.574	43	87903	103.368	ug/l	99
26) 2,2-Dichloropropane	4.477	77	25454	20.276	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18269	20.642	ug/l	99
28) Bromochloromethane	4.903	49	15607	21.260	ug/l	95
29) Tetrahydrofuran	5.019	42	55944	100.344	ug/l	100
30) Chloroform	5.104	83	31019	20.400	ug/l	100
31) Cyclohexane	5.470	56	23603	19.301	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	25937	19.598	ug/l	99
36) 1,1-Dichloropropene	5.690	75	20066	18.939	ug/l	98
37) Ethyl Acetate	4.720	43	35975	21.262	ug/l	99
38) Carbon Tetrachloride	5.678	117	22242	19.543	ug/l	93
39) Methylcyclohexane	7.378	83	22649	18.799	ug/l	98
40) Benzene	6.037	78	63270	19.574	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17623	20.563	ug/l	99
42) 1,2-Dichloroethane	6.092	62	22937	19.485	ug/l	100
43) Isopropyl Acetate	6.348	43	54112	20.115	ug/l	99
44) Trichloroethene	7.135	130	16645	19.432	ug/l	99
45) 1,2-Dichloropropane	7.433	63	17908	20.010	ug/l	94
46) Dibromomethane	7.580	93	11933	19.428	ug/l	99
47) Bromodichloromethane	7.823	83	26330	20.721	ug/l	97
48) Methyl methacrylate	7.695	41	22587	19.692	ug/l	96
49) 1,4-Dioxane	7.695	88	10855	411.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	187690	101.891	ug/l	100
52) Toluene	8.720	92	40951	19.839	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	28889	19.582	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	30190	20.204	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	18622	20.184	ug/l	96
56) Ethyl methacrylate	9.116	69	30352	20.295	ug/l	99
57) 1,3-Dichloropropane	9.311	76	30602	20.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	72729	99.087	ug/l	100
59) 2-Hexanone	9.433	43	144377	102.430	ug/l	100
60) Dibromochloromethane	9.524	129	19826	19.962	ug/l	99
61) 1,2-Dibromoethane	9.616	107	18225	19.641	ug/l	99
64) Tetrachloroethene	9.274	164	15853	19.691	ug/l	96
65) Chlorobenzene	10.079	112	45275	20.284	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	18374	20.881	ug/l	96
67) Ethyl Benzene	10.195	91	78196	19.650	ug/l	97
68) m/p-Xylenes	10.305	106	63291	39.356	ug/l	99
69) o-Xylene	10.646	106	31293	19.877	ug/l	98
70) Styrene	10.658	104	52221	19.753	ug/l	98
71) Bromoform	10.799	173	15662	20.257	ug/l #	98
73) Isopropylbenzene	10.963	105	80300	19.719	ug/l	98
74) N-amyl acetate	10.847	43	45411	19.444	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	31468	20.246	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	27698m	20.172	ug/l	
77) Bromobenzene	11.201	156	18916	18.871	ug/l	94
78) n-propylbenzene	11.305	91	92399	19.494	ug/l	98
79) 2-Chlorotoluene	11.366	91	51907	19.237	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	66805	19.493	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	10835	18.795	ug/l	93
82) 4-Chlorotoluene	11.457	91	61793	19.693	ug/l	97
83) tert-Butylbenzene	11.719	119	70978	20.038	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	66953	19.862	ug/l	100
85) sec-Butylbenzene	11.890	105	86679	19.850	ug/l	100
86) p-Isopropyltoluene	12.012	119	71121	19.432	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	36878	19.350	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39077	19.860	ug/l	98
89) n-Butylbenzene	12.335	91	63876	19.707	ug/l	100
90) Hexachloroethane	12.542	117	14682	19.824	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	38399	19.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6919	19.083	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	20087	18.326	ug/l	94
94) Hexachlorobutadiene	13.725	225	8471	19.767	ug/l	98
95) Naphthalene	13.780	128	82607	19.525	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22055	19.142	ug/l	94

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

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