

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030936.D
 Acq On : 30 Aug 2022 13:07
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 30 14:13:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:20:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	192599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	329186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54936	19.577	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.160%#		
35) Dibromofluoromethane	5.391	113	47490	19.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.020%#		
50) Toluene-d8	8.653	98	178345	20.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.540%#		
62) 4-Bromofluorobenzene	11.085	95	63996	19.913	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39682	19.566	ug/l	97
3) Chloromethane	1.288	50	38538	18.691	ug/l	100
4) Vinyl Chloride	1.374	62	48198	19.506	ug/l	100
5) Bromomethane	1.599	94	17456	20.363	ug/l	95
6) Chloroethane	1.679	64	28105	18.925	ug/l	98
7) Trichlorofluoromethane	1.880	101	73922	20.026	ug/l	96
8) Diethyl Ether	2.136	74	29060	20.137	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	47854	20.322	ug/l	99
10) Methyl Iodide	2.447	142	34198	17.635	ug/l	94
11) Tert butyl alcohol	2.989	59	68704	110.484	ug/l	100
12) 1,1-Dichloroethene	2.313	96	47575	20.197	ug/l	95
13) Acrolein	2.239	56	32203	92.432	ug/l	99
14) Allyl chloride	2.666	41	77430	20.106	ug/l	99
15) Acrylonitrile	3.069	53	152506	106.202	ug/l	99
16) Acetone	2.386	43	121364	98.801	ug/l	99
17) Carbon Disulfide	2.508	76	119701	19.379	ug/l	97
18) Methyl Acetate	2.709	43	74714	20.263	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	159335	20.941	ug/l	94
20) Methylene Chloride	2.788	84	55831	19.881	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52038	20.572	ug/l	89
22) Diisopropyl ether	3.770	45	161402	20.363	ug/l #	85
23) Vinyl Acetate	3.727	43	659555	104.418	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94243	20.389	ug/l	99
25) 2-Butanone	4.568	43	204772	102.393	ug/l	93
26) 2,2-Dichloropropane	4.477	77	71009	20.850	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58666	20.249	ug/l	95
28) Bromochloromethane	4.904	49	29306	19.230	ug/l	92
29) Tetrahydrofuran	5.019	42	134000	102.049	ug/l	97
30) Chloroform	5.099	83	95953	20.081	ug/l	99
31) Cyclohexane	5.477	56	82189	20.119	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	82883	20.604	ug/l	97
36) 1,1-Dichloropropene	5.696	75	74020	20.956	ug/l	96
37) Ethyl Acetate	4.727	43	77972	20.582	ug/l	99
38) Carbon Tetrachloride	5.684	117	70578	20.929	ug/l	98
39) Methylcyclohexane	7.385	83	90566	21.001	ug/l	95
40) Benzene	6.044	78	211222	20.582	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42713	20.759	ug/l	98
42) 1,2-Dichloroethane	6.092	62	70762	20.517	ug/l	98
43) Isopropyl Acetate	6.348	43	120298	20.561	ug/l	97
44) Trichloroethene	7.129	130	59981	20.044	ug/l	99
45) 1,2-Dichloropropane	7.434	63	57436	21.020	ug/l	98
46) Dibromomethane	7.586	93	38000	20.452	ug/l	97
47) Bromodichloromethane	7.824	83	72778	20.361	ug/l	97
48) Methyl methacrylate	7.696	41	60918	21.405	ug/l	93
49) 1,4-Dioxane	7.671	88	33080	456.571	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	401695	105.834	ug/l	97
52) Toluene	8.720	92	135548	21.512	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77168	21.216	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	86328	21.053	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	55994	20.683	ug/l	97
56) Ethyl methacrylate	9.122	69	84519	21.285	ug/l	94
57) 1,3-Dichloropropane	9.311	76	93386	20.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213794	332.220	ug/l	99
59) 2-Hexanone	9.433	43	305621	107.477	ug/l	96
60) Dibromochloromethane	9.525	129	55576	20.444	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59336	21.207	ug/l	98
64) Tetrachloroethene	9.275	164	56372	20.089	ug/l	98
65) Chlorobenzene	10.079	112	143929	20.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51311	20.644	ug/l	99
67) Ethyl Benzene	10.195	91	261526	20.978	ug/l	97
68) m/p-Xylenes	10.305	106	199768	42.801	ug/l	98
69) o-Xylene	10.646	106	96628	21.067	ug/l	95
70) Styrene	10.659	104	162664	20.979	ug/l	99
71) Bromoform	10.799	173	39746	20.599	ug/l #	99
73) Isopropylbenzene	10.963	105	257785	20.945	ug/l	98
74) N-amyl acetate	10.848	43	97531	20.367	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	84809	20.542	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	77903m	19.808	ug/l	
77) Bromobenzene	11.201	156	61178	20.521	ug/l	98
78) n-propylbenzene	11.305	91	314693	22.124	ug/l	98
79) 2-Chlorotoluene	11.366	91	177449	19.954	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	216541	20.947	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	25387	19.988	ug/l	99
82) 4-Chlorotoluene	11.457	91	203115	20.281	ug/l	99
83) tert-Butylbenzene	11.719	119	216544	21.413	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	230560	21.910	ug/l	99
85) sec-Butylbenzene	11.890	105	287822	21.997	ug/l	97
86) p-Isopropyltoluene	12.012	119	233353	21.066	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120297	20.554	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	120924	20.268	ug/l	97
89) n-Butylbenzene	12.335	91	217815	21.067	ug/l	99
90) Hexachloroethane	12.542	117	38826	20.144	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	124580	21.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22650	21.639	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	78280	20.858	ug/l	99
94) Hexachlorobutadiene	13.725	225	32213	20.071	ug/l	96
95) Naphthalene	13.780	128	298416	22.069	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	82263	21.434	ug/l	98

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

