

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027702.D
 Acq On : 25 Mar 2022 15:41
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 25 16:20:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:20:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61270	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	102250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90807	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	21671	21.869	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	43.740%#		
35) Dibromofluoromethane	5.391	113	14451	21.207	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	42.420%#		
50) Toluene-d8	8.647	98	57414	22.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	44.080%#		
62) 4-Bromofluorobenzene	11.085	95	22686	21.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	43.140%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13290	17.854	ug/l	100
3) Chloromethane	1.294	50	14470	19.488	ug/l	98
4) Vinyl Chloride	1.374	62	14149	19.710	ug/l	100
5) Bromomethane	1.599	94	6306	19.883	ug/l	96
6) Chloroethane	1.678	64	9367	21.846	ug/l	98
7) Trichlorofluoromethane	1.880	101	21762	20.860	ug/l	100
8) Diethyl Ether	2.136	74	7928	21.077	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	14616	20.864	ug/l	92
10) Methyl Iodide	2.447	142	13620	20.165	ug/l	# 90
11) Tert butyl alcohol	2.971	59	19200	99.670	ug/l	100
12) 1,1-Dichloroethene	2.312	96	13335	20.353	ug/l	82
13) Acrolein	2.233	56	12304	97.369	ug/l	93
14) Allyl chloride	2.660	41	24085	19.039	ug/l	92
15) Acrylonitrile	3.062	53	47171	101.769	ug/l	99
16) Acetone	2.379	43	48524	111.572	ug/l	93
17) Carbon Disulfide	2.508	76	36944	21.302	ug/l	98
18) Methyl Acetate	2.703	43	21287	19.159	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	51380	21.357	ug/l	98
20) Methylene Chloride	2.788	84	15869	20.946	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	15079	21.018	ug/l	84
22) Diisopropyl ether	3.763	45	47357	18.823	ug/l	# 92
23) Vinyl Acetate	3.721	43	212253	96.344	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	28173	20.011	ug/l	97
25) 2-Butanone	4.556	43	74123	108.819	ug/l	92
26) 2,2-Dichloropropane	4.477	77	22822	21.428	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	17892	22.218	ug/l	91
28) Bromochloromethane	4.897	49	11342	20.685	ug/l	92
29) Tetrahydrofuran	5.007	42	40555	98.629	ug/l	89
30) Chloroform	5.086	83	29250	20.888	ug/l	94
31) Cyclohexane	5.464	56	28194	23.282	ug/l	# 82
32) 1,1,1-Trichloroethane	5.379	97	27172	22.254	ug/l	97
36) 1,1-Dichloropropene	5.690	75	23163	22.424	ug/l	94
37) Ethyl Acetate	4.714	43	23840	19.008	ug/l	98
38) Carbon Tetrachloride	5.684	117	22043	21.598	ug/l	98
39) Methylcyclohexane	7.379	83	28125	23.314	ug/l	90
40) Benzene	6.037	78	64161	22.246	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12811	19.562	ug/l	92
42) 1,2-Dichloroethane	6.092	62	26590	21.831	ug/l	93
43) Isopropyl Acetate	6.342	43	40465	22.086	ug/l #	92
44) Trichloroethene	7.123	130	16198	21.765	ug/l	87
45) 1,2-Dichloropropane	7.433	63	17720	23.348	ug/l	98
46) Dibromomethane	7.586	93	12218	22.392	ug/l #	87
47) Bromodichloromethane	7.818	83	23534	21.956	ug/l	99
48) Methyl methacrylate	7.696	41	21847	23.860	ug/l #	80
49) 1,4-Dioxane	7.665	88	9007	465.026	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	145945	114.598	ug/l	87
52) Toluene	8.720	92	39436	21.637	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	24136	22.662	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	25901	21.867	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	16274	22.017	ug/l	95
56) Ethyl methacrylate	9.116	69	27325	22.678	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	29632	22.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	65263	104.409	ug/l	90
59) 2-Hexanone	9.433	43	114540	115.023	ug/l	83
60) Dibromochloromethane	9.525	129	15264	21.332	ug/l	97
61) 1,2-Dibromoethane	9.610	107	17032	21.489	ug/l	99
64) Tetrachloroethene	9.275	164	14482	21.290	ug/l	90
65) Chlorobenzene	10.079	112	42694	22.667	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	14250	21.741	ug/l	97
67) Ethyl Benzene	10.195	91	80955	22.956	ug/l	99
68) m/p-Xylenes	10.305	106	58590	45.724	ug/l	83
69) o-Xylene	10.646	106	27992	21.745	ug/l	81
70) Styrene	10.658	104	47117	23.026	ug/l #	90
71) Bromoform	10.799	173	10144	21.569	ug/l #	100
73) Isopropylbenzene	10.963	105	77825	22.098	ug/l	96
74) N-amyl acetate	10.841	43	36097	21.280	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	26426	21.247	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	25841m	21.686	ug/l	
77) Bromobenzene	11.201	156	16112	20.758	ug/l	75
78) n-propylbenzene	11.305	91	93286	22.322	ug/l	95
79) 2-Chlorotoluene	11.366	91	56928	21.598	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	67663	22.328	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	6847	19.553	ug/l #	67
82) 4-Chlorotoluene	11.457	91	66831	22.165	ug/l	93
83) tert-Butylbenzene	11.719	119	59305	21.293	ug/l	82
84) 1,2,4-Trimethylbenzene	11.750	105	66293	21.435	ug/l	95
85) sec-Butylbenzene	11.890	105	81219	22.467	ug/l	95
86) p-Isopropyltoluene	12.012	119	64719	22.717	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	32015	22.196	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	32026	21.300	ug/l	94
89) n-Butylbenzene	12.335	91	61724	22.826	ug/l	94
90) Hexachloroethane	12.542	117	9554	20.991	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	30697	21.912	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6166	19.904	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	18307	21.938	ug/l	98
94) Hexachlorobutadiene	13.725	225	8954	22.000	ug/l	92
95) Naphthalene	13.780	128	64718	20.869	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18001	21.538	ug/l	93

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

