

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121321\
 Data File : VX025762.D
 Acq On : 13 Dec 2021 20:27
 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 12/14/2021
 Supervised By : Mahesh Dadoda 12/17/2021

Quant Time: Dec 14 06:33:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 06:31:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	83817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	27082	28.352	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	56.700%#		
35) Dibromofluoromethane	5.385	113	21269	22.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	44.420%#		
50) Toluene-d8	8.653	98	76240	21.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.980%#		
62) 4-Bromofluorobenzene	11.085	95	28615	21.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14597	20.591	ug/l	96
3) Chloromethane	1.294	50	21975	24.103	ug/l	100
4) Vinyl Chloride	1.374	62	21590	21.946	ug/l	99
5) Bromomethane	1.599	94	17189	35.326	ug/l	96
6) Chloroethane	1.685	64	17082	24.723	ug/l	93
7) Trichlorofluoromethane	1.886	101	35023	23.670	ug/l	95
8) Diethyl Ether	2.136	74	15234	24.577	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	17447	22.146	ug/l	97
10) Methyl Iodide	2.453	142	24407	24.190	ug/l	97
11) Tert butyl alcohol	2.965	59	28730	120.182	ug/l	97
12) 1,1-Dichloroethene	2.319	96	18492	23.359	ug/l	97
13) Acrolein	2.239	56	17424	276.269	ug/l	98
14) Allyl chloride	2.666	41	35494	24.462	ug/l	97
15) Acrylonitrile	3.068	53	67440	136.938	ug/l	99
16) Acetone	2.380	43	72021	141.979	ug/l	98
17) Carbon Disulfide	2.514	76	51695	23.090	ug/l	98
18) Methyl Acetate	2.709	43	43497	26.520	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	71785	25.467	ug/l	99
20) Methylene Chloride	2.794	84	24845	25.726	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21273	24.170	ug/l	97
22) Diisopropyl ether	3.763	45	70848	25.369	ug/l	97
23) Vinyl Acetate	3.727	43	283433	126.696	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39257	25.681	ug/l	96
25) 2-Butanone	4.562	43	98763	134.434	ug/l	97
26) 2,2-Dichloropropane	4.483	77	27698	20.824	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	25996	25.255	ug/l	99
28) Bromochloromethane	4.904	49	19184	26.817	ug/l	99
29) Tetrahydrofuran	5.013	42	62535	136.501	ug/l	99
30) Chloroform	5.099	83	44012	27.398	ug/l	99
31) Cyclohexane	5.477	56	28342	20.653	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	36033	24.839	ug/l	99
36) 1,1-Dichloropropene	5.696	75	27426	20.587	ug/l	98
37) Ethyl Acetate	4.721	43	35177	23.014	ug/l	98
38) Carbon Tetrachloride	5.684	117	31765	21.584	ug/l	95
39) Methylcyclohexane	7.385	83	26783	16.316	ug/l	99
40) Benzene	6.044	78	90752	22.358	ug/l	100

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41) Methacrylonitrile	4.934	41	19026	22.415	ug/l	97
42) 1,2-Dichloroethane	6.092	62	35236	25.911	ug/l	100
43) Isopropyl Acetate	6.342	43	54788	21.724	ug/l	99
44) Trichloroethene	7.129	130	24008	20.686	ug/l	93
45) 1,2-Dichloropropane	7.434	63	22722	22.775	ug/l	92
46) Dibromomethane	7.586	93	18394	25.039	ug/l	97
47) Bromodichloromethane	7.824	83	35569	24.558	ug/l	99
48) Methyl methacrylate	7.696	41	26309	22.095	ug/l	99
49) 1,4-Dioxane	7.665	88	12810	510.047	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	188156	118.177	ug/l	99
52) Toluene	8.720	92	57277	21.648	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	32770	20.736	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	36098	21.157	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24825	23.428	ug/l	97
56) Ethyl methacrylate	9.116	69	35267	20.754	ug/l	99
57) 1,3-Dichloropropane	9.311	76	40713	23.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	76396	97.690	ug/l	99
59) 2-Hexanone	9.433	43	144985	116.261	ug/l	99
60) Dibromochloromethane	9.525	129	28740	23.408	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26855	23.357	ug/l	99
64) Tetrachloroethene	9.275	164	23514	19.168	ug/l	96
65) Chlorobenzene	10.079	112	63672	20.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24441	20.599	ug/l	98
67) Ethyl Benzene	10.195	91	105244	19.826	ug/l	99
68) m/p-Xylenes	10.305	106	83385	38.528	ug/l	98
69) o-Xylene	10.646	106	42252	19.954	ug/l	98
70) Styrene	10.659	104	70234	19.975	ug/l	99
71) Bromoform	10.805	173	20507	20.017	ug/l #	98
73) Isopropylbenzene	10.963	105	100840	19.823	ug/l	100
74) N-amyl acetate	10.848	43	42959	19.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38635	23.107	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	34309m	23.179	ug/l	
77) Bromobenzene	11.201	156	27406	20.904	ug/l	99
78) n-propylbenzene	11.305	91	112558	19.742	ug/l	100
79) 2-Chlorotoluene	11.366	91	74316	21.145	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	85781	19.982	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10388	18.225	ug/l	93
82) 4-Chlorotoluene	11.457	91	84626	21.101	ug/l	99
83) tert-Butylbenzene	11.719	119	81521	18.894	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	87720	20.617	ug/l	99
85) sec-Butylbenzene	11.890	105	94471	18.071	ug/l	100
86) p-Isopropyltoluene	12.012	119	80576	17.963	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48477	19.910	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	49973	20.181	ug/l	99
89) n-Butylbenzene	12.335	91	62657	16.666	ug/l	99
90) Hexachloroethane	12.542	117	15068	18.118	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	49178	20.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8639	24.484	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	23088	16.988	ug/l	100
94) Hexachlorobutadiene	13.725	225	7949	12.451	ug/l	98
95) Naphthalene	13.780	128	84147	19.550	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23365	17.404	ug/l	98

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

