

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026803.D
 Acq On : 08 Feb 2022 00:43
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 08 05:13:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 05:11:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	107809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	6708	4.682	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	9.360%#		
35) Dibromofluoromethane	5.385	113	5310	4.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.600%#		
50) Toluene-d8	8.653	98	19300	4.805	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.620%#		
62) 4-Bromofluorobenzene	11.085	95	6639	4.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	5448	4.357	ug/l	100
3) Chloromethane	1.295	50	5234	4.549	ug/l	99
4) Vinyl Chloride	1.380	62	5576	4.640	ug/l	96
5) Bromomethane	1.618	94	2449	4.522	ug/l	100
6) Chloroethane	1.691	64	3279	5.248	ug/l	99
7) Trichlorofluoromethane	1.892	101	8102	4.322	ug/l	99
8) Diethyl Ether	2.136	74	3195	4.807	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	5510	4.772	ug/l	96
10) Methyl Iodide	2.459	142	5411	4.527	ug/l	96
11) Tert butyl alcohol	3.008	59	5388m	25.741	ug/l	
12) 1,1-Dichloroethene	2.325	96	5480	4.933	ug/l	100
13) Acrolein	2.239	56	5258	23.685	ug/l	98
14) Allyl chloride	2.666	41	9489	4.687	ug/l	97
15) Acrylonitrile	3.069	53	16894	26.227	ug/l	98
16) Acetone	2.386	43	14359	19.852	ug/l	98
17) Carbon Disulfide	2.514	76	15116	4.667	ug/l	100
18) Methyl Acetate	2.709	43	8061	5.284	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	19314	4.816	ug/l	97
20) Methylene Chloride	2.794	84	6159	4.916	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	5749	4.792	ug/l	95
22) Diisopropyl ether	3.770	45	19872	4.827	ug/l	94
23) Vinyl Acetate	3.727	43	80950	23.836	ug/l	98
24) 1,1-Dichloroethane	3.611	63	10516	4.729	ug/l	99
25) 2-Butanone	4.568	43	22866	23.506	ug/l	97
26) 2,2-Dichloropropane	4.483	77	6568	4.051	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	6602	4.830	ug/l	95
28) Bromochloromethane	4.898	49	4331	4.749	ug/l #	100
29) Tetrahydrofuran	5.013	42	15568	26.291	ug/l	98
30) Chloroform	5.099	83	11086	4.811	ug/l	97
31) Cyclohexane	5.477	56	10377	4.783	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	9508	4.695	ug/l	98
36) 1,1-Dichloropropene	5.696	75	8286	4.660	ug/l	97
37) Ethyl Acetate	4.727	43	9377	5.129	ug/l #	93
38) Carbon Tetrachloride	5.684	117	8141	4.464	ug/l	97
39) Methylcyclohexane	7.385	83	9887	4.592	ug/l	93
40) Benzene	6.044	78	24229	4.887	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	4946	4.796	ug/l	97
42) 1,2-Dichloroethane	6.099	62	8479	4.437	ug/l	99
43) Isopropyl Acetate	6.342	43	14152	4.818	ug/l	98
44) Trichloroethene	7.129	130	7179	5.063	ug/l	95
45) 1,2-Dichloropropane	7.434	63	6113	4.943	ug/l	99
46) Dibromomethane	7.586	93	4099	4.710	ug/l	96
47) Bromodichloromethane	7.824	83	7772	4.459	ug/l #	96
48) Methyl methacrylate	7.696	41	6913	4.750	ug/l	98
49) 1,4-Dioxane	7.684	88	2481	103.405	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	43807	25.127	ug/l	99
52) Toluene	8.720	92	15164	4.981	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	6853	4.177	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	8027	4.268	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	5870	4.942	ug/l	97
56) Ethyl methacrylate	9.116	69	8606	4.728	ug/l	99
57) 1,3-Dichloropropane	9.311	76	9999	4.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	22777	23.614	ug/l	96
59) 2-Hexanone	9.433	43	31526	23.859	ug/l	98
60) Dibromochloromethane	9.525	129	5516	4.477	ug/l	99
61) 1,2-Dibromoethane	9.610	107	5993	4.835	ug/l	99
64) Tetrachloroethene	9.275	164	7380	5.206	ug/l	96
65) Chlorobenzene	10.080	112	15498	5.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	5459	4.757	ug/l	97
67) Ethyl Benzene	10.195	91	27044	4.833	ug/l	99
68) m/p-Xylenes	10.305	106	20640	9.832	ug/l	98
69) o-Xylene	10.646	106	10204	5.026	ug/l	99
70) Styrene	10.659	104	16020	4.850	ug/l	97
71) Bromoform	10.799	173	3542	4.523	ug/l #	99
73) Isopropylbenzene	10.964	105	25935	4.884	ug/l	99
74) N-amyl acetate	10.848	43	9560	4.679	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	7327	5.177	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	7284m	5.112	ug/l	
77) Bromobenzene	11.201	156	6063	4.972	ug/l	97
78) n-propylbenzene	11.305	91	28312	4.700	ug/l	100
79) 2-Chlorotoluene	11.366	91	17889	4.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21145	4.841	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1483	3.645	ug/l #	83
82) 4-Chlorotoluene	11.457	91	19973	4.761	ug/l	99
83) tert-Butylbenzene	11.713	119	19733	4.845	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	21235	4.875	ug/l	98
85) sec-Butylbenzene	11.890	105	25114	4.777	ug/l	99
86) p-Isopropyltoluene	12.012	119	21055	4.764	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	11069	4.847	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	11215	4.868	ug/l	92
89) n-Butylbenzene	12.335	91	16689	4.437	ug/l	99
90) Hexachloroethane	12.542	117	2789	4.280	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	11055	5.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1556	4.514	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	6198	4.489	ug/l	100
94) Hexachlorobutadiene	13.725	225	2758	4.717	ug/l	98
95) Naphthalene	13.780	128	22599	4.855	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6541	4.787	ug/l	97

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

