

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121321\
 Data File : VX025767.D
 Acq On : 13 Dec 2021 22:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121321

Quant Time: Dec 14 07:08:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/17/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	184996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69577	43.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.300%		
35) Dibromofluoromethane	5.391	113	59632	46.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.440%		
50) Toluene-d8	8.653	98	219210	46.632	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.260%		
62) 4-Bromofluorobenzene	11.085	95	83931	47.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57495	57.361	ug/l	99
3) Chloromethane	1.294	50	63934	48.986	ug/l	97
4) Vinyl Chloride	1.374	62	67411	48.557	ug/l	99
5) Bromomethane	1.599	94	47172	47.587	ug/l	97
6) Chloroethane	1.679	64	44960	44.713	ug/l	99
7) Trichlorofluoromethane	1.886	101	111852	48.776	ug/l	95
8) Diethyl Ether	2.136	74	40006	44.226	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	60619	50.799	ug/l	99
10) Methyl Iodide	2.453	142	71064	46.738	ug/l	99
11) Tert butyl alcohol	2.971	59	71395	220.714	ug/l	99
12) 1,1-Dichloroethene	2.319	96	57949	48.842	ug/l	96
13) Acrolein	2.239	56	51274	231.901	ug/l	100
14) Allyl chloride	2.666	41	99030	45.733	ug/l	99
15) Acrylonitrile	3.069	53	170702	226.053	ug/l	99
16) Acetone	2.380	43	153237	216.841	ug/l	99
17) Carbon Disulfide	2.514	76	165986	48.840	ug/l	99
18) Methyl Acetate	2.709	43	111055	45.186	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	196991	47.007	ug/l	100
20) Methylene Chloride	2.788	84	66019	47.756	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	64758	48.906	ug/l	98
22) Diisopropyl ether	3.764	45	197807	47.093	ug/l	99
23) Vinyl Acetate	3.727	43	783229	240.965	ug/l	100
24) 1,1-Dichloroethane	3.611	63	111932	46.671	ug/l	99
25) 2-Butanone	4.562	43	239327	220.665	ug/l	99
26) 2,2-Dichloropropane	4.483	77	84529	46.468	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	73883	47.058	ug/l	99
28) Bromochloromethane	4.897	49	51902	48.022	ug/l	99
29) Tetrahydrofuran	5.013	42	156129	226.416	ug/l	99
30) Chloroform	5.099	83	119813	45.550	ug/l	97
31) Cyclohexane	5.471	56	101858	51.941	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	110245	48.156	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87707	50.129	ug/l	100
37) Ethyl Acetate	4.721	43	92139	47.400	ug/l	98
38) Carbon Tetrachloride	5.684	117	100872	49.551	ug/l	98
39) Methylcyclohexane	7.385	83	103158	52.693	ug/l	98
40) Benzene	6.044	78	255231	48.903	ug/l	99

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41) Methacrylonitrile	4.928	41	49761	46.255	ug/l	99
42) 1,2-Dichloroethane	6.092	62	94420	47.600	ug/l	100
43) Isopropyl Acetate	6.348	43	146723	46.849	ug/l	100
44) Trichloroethene	7.129	130	72436	49.852	ug/l	97
45) 1,2-Dichloropropane	7.434	63	63075	47.948	ug/l	96
46) Dibromomethane	7.580	93	48263	47.127	ug/l	98
47) Bromodichloromethane	7.824	83	97763	48.435	ug/l	97
48) Methyl methacrylate	7.696	41	71171	48.258	ug/l	99
49) 1,4-Dioxane	7.659	88	31138	967.119	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	481515	234.869	ug/l	100
52) Toluene	8.720	92	166523	50.075	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	97690	50.775	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	106521	50.600	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	68094	47.748	ug/l	97
56) Ethyl methacrylate	9.116	69	101620	49.617	ug/l	99
57) 1,3-Dichloropropane	9.311	76	111764	47.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	239831	240.382	ug/l	99
59) 2-Hexanone	9.433	43	371416	239.107	ug/l	100
60) Dibromochloromethane	9.525	129	79870	49.345	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73297	47.401	ug/l	99
64) Tetrachloroethene	9.275	164	70121	50.520	ug/l	98
65) Chlorobenzene	10.079	112	182375	50.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	69983	49.410	ug/l	99
67) Ethyl Benzene	10.195	91	320258	52.214	ug/l	100
68) m/p-Xylenes	10.305	106	254365	106.576	ug/l	100
69) o-Xylene	10.646	106	125610	53.499	ug/l	98
70) Styrene	10.659	104	209538	53.631	ug/l	99
71) Bromoform	10.799	173	61016	52.294	ug/l #	98
73) Isopropylbenzene	10.963	105	323039	49.604	ug/l	100
74) N-amyl acetate	10.848	43	129240	49.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	102506	45.162	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	92110m	44.803	ug/l	
77) Bromobenzene	11.201	156	80805	48.373	ug/l	98
78) n-propylbenzene	11.305	91	377388	51.232	ug/l	100
79) 2-Chlorotoluene	11.366	91	219990	46.964	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	275203	50.953	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30831	46.493	ug/l	99
82) 4-Chlorotoluene	11.457	91	258322	49.248	ug/l	100
83) tert-Butylbenzene	11.719	119	271525	51.288	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	276042	51.161	ug/l	100
85) sec-Butylbenzene	11.890	105	340926	53.576	ug/l	100
86) p-Isopropyltoluene	12.012	119	283285	53.009	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	153351	49.271	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	154063	48.483	ug/l	99
89) n-Butylbenzene	12.335	91	237168	53.203	ug/l	99
90) Hexachloroethane	12.542	117	53058	50.518	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	148482	49.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23288	45.659	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	85929	48.113	ug/l	99
94) Hexachlorobutadiene	13.725	225	34500	54.566	ug/l	98
95) Naphthalene	13.780	128	290177	47.470	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84568	47.835	ug/l	99

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

