

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024784.D
 Acq On : 13 Oct 2021 12:58
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:35:52 PM

Quant Time: Oct 13 13:27:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 12:40:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	209216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	327509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	12585	4.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	9.78%#		
35) Dibromofluoromethane	5.391	113	9369	4.81	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.62%#		
50) Toluene-d8	8.653	98	32931	4.57	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.14%#		
62) 4-Bromofluorobenzene	11.085	95	12919	4.55	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.10%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8655	4.01	ug/l	99
3) Chloromethane	1.294	50	8009	4.31	ug/l	100
4) Vinyl Chloride	1.374	62	8085	4.10	ug/l	97
5) Bromomethane	1.599	94	5827	4.80	ug/l	96
6) Chloroethane	1.679	64	5239	4.18	ug/l	99
7) Trichlorofluoromethane	1.880	101	13923	4.17	ug/l	96
8) Diethyl Ether	2.136	74	4600	4.19	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	8452	4.42	ug/l	99
10) Methyl Iodide	2.447	142	6205	2.62	ug/l	99
11) Tert butyl alcohol	2.977	59	9957	18.37	ug/l	97
12) 1,1-Dichloroethene	2.313	96	7512	4.19	ug/l	97
13) Acrolein	2.239	56	6123	27.21	ug/l	97
14) Allyl chloride	2.666	41	12754	3.95	ug/l	99
15) Acrylonitrile	3.069	53	23104	19.73	ug/l	99
16) Acetone	2.386	43	24479	19.01	ug/l	97
17) Carbon Disulfide	2.508	76	18740	4.24	ug/l #	91
18) Methyl Acetate	2.709	43	16076	3.92	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	26513	4.04	ug/l	100
20) Methylene Chloride	2.788	84	8663	4.18	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	8258	4.27	ug/l	87
22) Diisopropyl ether	3.770	45	25438	3.94	ug/l	98
23) Vinyl Acetate	3.727	43	95815	19.19	ug/l	97
24) 1,1-Dichloroethane	3.605	63	15129	4.07	ug/l	96
25) 2-Butanone	4.568	43	34450	19.31	ug/l	96
26) 2,2-Dichloropropane	4.477	77	13129	4.05	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	9492	4.25	ug/l	98
28) Bromochloromethane	4.904	49	7850	4.78	ug/l #	96
29) Tetrahydrofuran	5.013	42	21381	19.09	ug/l	98
30) Chloroform	5.099	83	16491	4.10	ug/l	95
31) Cyclohexane	5.471	56	13427	3.92	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	13932	3.87	ug/l	98
36) 1,1-Dichloropropene	5.690	75	11546	4.07	ug/l	97
37) Ethyl Acetate	4.727	43	13491	4.11	ug/l	99
38) Carbon Tetrachloride	5.690	117	12243	3.84	ug/l	87
39) Methylcyclohexane	7.385	83	13697	3.99	ug/l	96
40) Benzene	6.038	78	32633	4.01	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6992	3.97	ug/l	98
42) 1,2-Dichloroethane	6.092	62	13622	4.10	ug/l	99
43) Isopropyl Acetate	6.348	43	19517	3.81	ug/l	98
44) Trichloroethene	7.129	130	9279	4.07	ug/l	98
45) 1,2-Dichloropropane	7.434	63	8551	4.01	ug/l	95
46) Dibromomethane	7.586	93	6215	4.09	ug/l	99
47) Bromodichloromethane	7.824	83	11121	3.80	ug/l	96
48) Methyl methacrylate	7.696	41	9583	3.83	ug/l	97
49) 1,4-Dioxane	7.665	88	3812	71.68	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	63223	18.73	ug/l	100
52) Toluene	8.720	92	21098	4.04	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	11442	3.53	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	12482	3.67	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	8634	3.82	ug/l	97
56) Ethyl methacrylate	9.122	69	12262	3.72	ug/l	98
57) 1,3-Dichloropropane	9.311	76	14247	3.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	35652	23.23	ug/l	99
59) 2-Hexanone	9.433	43	50476	19.01	ug/l	97
60) Dibromochloromethane	9.525	129	7889	3.47	ug/l	99
61) 1,2-Dibromoethane	9.616	107	8879	3.72	ug/l	98
64) Tetrachloroethene	9.275	164	9226	4.28	ug/l	94
65) Chlorobenzene	10.079	112	23046	4.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	8130	3.78	ug/l	98
67) Ethyl Benzene	10.195	91	40041	4.02	ug/l	97
68) m/p-Xylenes	10.305	106	30879	8.00	ug/l	99
69) o-Xylene	10.646	106	14863	3.95	ug/l	97
70) Styrene	10.659	104	24436	3.93	ug/l	100
71) Bromoform	10.805	173	5546	3.48	ug/l #	97
73) Isopropylbenzene	10.963	105	38775	4.15	ug/l	100
74) N-amyl acetate	10.848	43	14465	3.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	13566	4.27	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	12307m	4.16	ug/l	
77) Bromobenzene	11.201	156	10678	4.46	ug/l	95
78) n-propylbenzene	11.305	91	44646	4.17	ug/l	99
79) 2-Chlorotoluene	11.366	91	28675	4.31	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	32929	4.14	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	3385	3.23	ug/l	87
82) 4-Chlorotoluene	11.457	91	32224	4.21	ug/l	99
83) tert-Butylbenzene	11.719	119	31886	4.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	32102	4.04	ug/l	99
85) sec-Butylbenzene	11.896	105	41020	4.17	ug/l	99
86) p-Isopropyltoluene	12.012	119	33300	3.98	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	18680	4.16	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	19967	4.34	ug/l	96
89) n-Butylbenzene	12.335	91	28813	3.96	ug/l	99
90) Hexachloroethane	12.542	117	4887	3.66	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	18553	4.16	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	2491	3.47	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	10408	3.83	ug/l	100
94) Hexachlorobutadiene	13.725	225	5493	4.27	ug/l	98
95) Naphthalene	13.780	128	30231	3.46	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	10465	3.78	ug/l	96

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

