

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024457.D
 Acq On : 23 Sep 2021 18:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092321

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:57:54 PM

Quant Time: Sep 24 07:29:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	160853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108870	48.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.391	113	81853	48.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.020%
50) Toluene-d8	8.653	98	302259	48.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.086	95	117552	48.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	84922	52.468	ug/l	99
3) Chloromethane	1.295	50	76240	49.971	ug/l	100
4) Vinyl Chloride	1.374	62	81330	50.961	ug/l	99
5) Bromomethane	1.599	94	56215	52.336	ug/l	99
6) Chloroethane	1.679	64	50200	47.242	ug/l	100
7) Trichlorofluoromethane	1.886	101	142598	50.633	ug/l	98
8) Diethyl Ether	2.136	74	47422	49.470	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	80614	50.761	ug/l	96
10) Methyl Iodide	2.453	142	113496	51.076	ug/l	91
11) Tert butyl alcohol	2.977	59	131108	248.590	ug/l	98
12) 1,1-Dichloroethene	2.319	96	74319	50.402	ug/l	90
13) Acrolein	2.240	56	31000	252.717	ug/l	94
14) Allyl chloride	2.666	41	139350	51.692	ug/l	90
15) Acrylonitrile	3.069	53	257751	250.266	ug/l	97
16) Acetone	2.386	43	256622	269.063	ug/l	89
17) Carbon Disulfide	2.508	76	187967	49.455	ug/l	100
18) Methyl Acetate	2.709	43	168051	49.504	ug/l	91
19) Methyl tert-butyl Ether	3.124	73	285987	51.465	ug/l	98
20) Methylene Chloride	2.788	84	86000	50.716	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	83221	49.703	ug/l	96
22) Diisopropyl ether	3.770	45	278717	50.604	ug/l	95
23) Vinyl Acetate	3.727	43	1177149	263.934	ug/l	95
24) 1,1-Dichloroethane	3.617	63	154835	50.632	ug/l	96
25) 2-Butanone	4.568	43	397360	254.513	ug/l	92
26) 2,2-Dichloropropane	4.483	77	142070	51.645	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	97191	49.663	ug/l	95
28) Bromochloromethane	4.910	49	67075	48.317	ug/l	98
29) Tetrahydrofuran	5.013	42	257790	259.133	ug/l	90
30) Chloroform	5.105	83	170593	50.511	ug/l	98
31) Cyclohexane	5.477	56	140777	51.859	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	154900	51.660	ug/l	99
36) 1,1-Dichloropropene	5.702	75	121874	50.052	ug/l	100
37) Ethyl Acetate	4.727	43	147755	48.603	ug/l	94
38) Carbon Tetrachloride	5.684	117	137338	51.815	ug/l	100
39) Methylcyclohexane	7.385	83	147030	51.569	ug/l	96
40) Benzene	6.044	78	347474	49.905	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	79771	50.811	ug/l	91
42) 1,2-Dichloroethane	6.099	62	145413	49.729	ug/l	94
43) Isopropyl Acetate	6.349	43	231804	50.155	ug/l	93
44) Trichloroethene	7.135	130	94331	49.241	ug/l	100
45) 1,2-Dichloropropane	7.440	63	89622	49.892	ug/l	98
46) Dibromomethane	7.586	93	66931	49.689	ug/l	98
47) Bromodichloromethane	7.830	83	127190	51.522	ug/l	100
48) Methyl methacrylate	7.696	41	117136	51.184	ug/l	86
49) 1,4-Dioxane	7.665	88	52456	1000.725	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	776507	254.494	ug/l	91
52) Toluene	8.720	92	228028	50.699	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	148593	53.106	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	150992	53.071	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	95819	51.522	ug/l	99
56) Ethyl methacrylate	9.122	69	154006	52.029	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	156539	49.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	386544	264.556	ug/l	98
59) 2-Hexanone	9.433	43	624264	259.800	ug/l	88
60) Dibromochloromethane	9.525	129	100905	47.869	ug/l	98
61) 1,2-Dibromoethane	9.616	107	104811	51.336	ug/l	99
64) Tetrachloroethene	9.281	164	82677	49.314	ug/l	97
65) Chlorobenzene	10.080	112	252038	49.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	96757	51.446	ug/l	99
67) Ethyl Benzene	10.195	91	459577	51.447	ug/l	99
68) m/p-Xylenes	10.305	106	355786	103.863	ug/l	98
69) o-Xylene	10.647	106	176428	52.084	ug/l	99
70) Styrene	10.659	104	294709	52.030	ug/l	97
71) Bromoform	10.805	173	76211	46.661	ug/l	100
73) Isopropylbenzene	10.964	105	467736	50.888	ug/l	100
74) N-amyl acetate	10.848	43	214379	50.707	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	159200	48.976	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	147986m	50.121	ug/l	
77) Bromobenzene	11.201	156	116515	49.263	ug/l	95
78) n-propylbenzene	11.305	91	547867	50.989	ug/l	99
79) 2-Chlorotoluene	11.366	91	329104	50.281	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	410661	52.300	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	52986	49.483	ug/l	91
82) 4-Chlorotoluene	11.457	91	385616	50.073	ug/l	99
83) tert-Butylbenzene	11.720	119	404151	51.340	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	408968	52.382	ug/l	98
85) sec-Butylbenzene	11.896	105	504952	52.139	ug/l	99
86) p-Isopropyltoluene	12.012	119	432320	52.350	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	220536	48.962	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	221780	47.665	ug/l	99
89) n-Butylbenzene	12.335	91	382693	52.335	ug/l	98
90) Hexachloroethane	12.543	117	69154	50.924	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	217038	48.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40072	51.057	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	142315	50.198	ug/l	99
94) Hexachlorobutadiene	13.725	225	63823	49.212	ug/l	100
95) Naphthalene	13.780	128	490470	54.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143242	49.306	ug/l	99

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

