

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024775.D
 Acq On : 12 Oct 2021 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 10/15/2021 1:14:22 PM

Quant Time: Oct 13 02:00:27 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	132849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	212552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95726	51.126	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.260%	
35) Dibromofluoromethane	5.391	113	71701	50.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.653	98	263102	50.625	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	11.085	95	106148	51.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	93084	69.633	ug/l	99
3) Chloromethane	1.294	50	66213	52.548	ug/l	99
4) Vinyl Chloride	1.374	62	70459	53.456	ug/l	99
5) Bromomethane	1.599	94	46590	52.518	ug/l	99
6) Chloroethane	1.679	64	43525	49.581	ug/l	99
7) Trichlorofluoromethane	1.886	101	116189	49.953	ug/l	97
8) Diethyl Ether	2.136	74	37415	47.258	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	61540	46.919	ug/l	96
10) Methyl Iodide	2.453	142	83160	45.313	ug/l	92
11) Tert butyl alcohol	2.977	59	93412	212.664	ug/l	98
12) 1,1-Dichloroethene	2.319	96	60077	49.332	ug/l	95
13) Acrolein	2.239	56	29461	289.282	ug/l	98
14) Allyl chloride	2.666	41	108823	48.877	ug/l	92
15) Acrylonitrile	3.069	53	200139	235.291	ug/l	97
16) Acetone	2.386	43	216779	275.441	ug/l	89
17) Carbon Disulfide	2.508	76	151748	48.347	ug/l	100
18) Methyl Acetate	2.709	43	138728	49.481	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	221877	48.344	ug/l	99
20) Methylene Chloride	2.794	84	70814	50.560	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	67380	48.725	ug/l	92
22) Diisopropyl ether	3.770	45	219478	48.249	ug/l	97
23) Vinyl Acetate	3.733	43	912671	247.770	ug/l	95
24) 1,1-Dichloroethane	3.611	63	123892	49.054	ug/l	97
25) 2-Butanone	4.568	43	343299	266.237	ug/l	93
26) 2,2-Dichloropropane	4.483	77	93868	41.316	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	76905	47.581	ug/l	97
28) Bromochloromethane	4.910	49	60943	53.153	ug/l	96
29) Tetrahydrofuran	5.019	42	197738	240.668	ug/l	91
30) Chloroform	5.105	83	134166	48.099	ug/l	99
31) Cyclohexane	5.477	56	106727	47.604	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	121114	48.907	ug/l	99
36) 1,1-Dichloropropene	5.702	75	96317	47.269	ug/l	99
37) Ethyl Acetate	4.727	43	114840	45.141	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	106690	48.101	ug/l	99
39) Methylcyclohexane	7.385	83	112795	47.276	ug/l	97
40) Benzene	6.044	78	283812	48.709	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	61169	46.559	ug/l	92
42) 1,2-Dichloroethane	6.098	62	116331	47.541	ug/l	94
43) Isopropyl Acetate	6.348	43	181012	46.802	ug/l	94
44) Trichloroethene	7.129	130	76732	47.864	ug/l	99
45) 1,2-Dichloropropane	7.434	63	73360	48.802	ug/l	97
46) Dibromomethane	7.586	93	52864	46.898	ug/l	97
47) Bromodichloromethane	7.830	83	101861	49.307	ug/l	98
48) Methyl methacrylate	7.696	41	99287	51.844	ug/l	89
49) 1,4-Dioxane	7.665	88	39359	897.278	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	682754	267.399	ug/l	91
52) Toluene	8.720	92	185983	49.414	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	111741	47.722	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	116688	49.011	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	78000	50.119	ug/l	95
56) Ethyl methacrylate	9.122	69	108867	43.951	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	126638	48.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	352285	288.122	ug/l	99
59) 2-Hexanone	9.433	43	541414	269.255	ug/l	89
60) Dibromochloromethane	9.525	129	80829	45.873	ug/l	100
61) 1,2-Dibromoethane	9.616	107	83816	49.057	ug/l	100
64) Tetrachloroethene	9.275	164	73423	52.199	ug/l	93
65) Chlorobenzene	10.079	112	201519	47.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76849	48.703	ug/l	99
67) Ethyl Benzene	10.195	91	364218	48.597	ug/l	99
68) m/p-Xylenes	10.305	106	282532	98.308	ug/l	99
69) o-Xylene	10.646	106	135231	47.584	ug/l	100
70) Styrene	10.659	104	223328	46.995	ug/l	98
71) Bromoform	10.805	173	57018	41.861	ug/l #	100
73) Isopropylbenzene	10.963	105	367441	48.191	ug/l	99
74) N-amyl acetate	10.848	43	158678	45.245	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	124325	46.107	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	114682m	46.823	ug/l	
77) Bromobenzene	11.201	156	92581	47.188	ug/l	95
78) n-propylbenzene	11.305	91	414194	46.470	ug/l	99
79) 2-Chlorotoluene	11.366	91	251637	46.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	319979	49.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	37496	42.497	ug/l	92
82) 4-Chlorotoluene	11.457	91	298200	46.678	ug/l	100
83) tert-Butylbenzene	11.719	119	302187	46.275	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	326103	50.352	ug/l	99
85) sec-Butylbenzene	11.896	105	361099	44.947	ug/l	99
86) p-Isopropyltoluene	12.012	119	335296	48.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	167364	44.792	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	168509	43.658	ug/l	99
89) n-Butylbenzene	12.335	91	286797	47.280	ug/l	98
90) Hexachloroethane	12.542	117	51572	45.781	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	166046	44.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29460	45.249	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	107041	45.515	ug/l	98
94) Hexachlorobutadiene	13.725	225	46470	43.195	ug/l	98
95) Naphthalene	13.780	128	374534	49.755	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	109500	45.437	ug/l	99

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

