

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024223.D
 Acq On : 14 Sep 2021 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:16 PM

Quant Time: Sep 22 07:46:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	175582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125365	50.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.397	113	93737	49.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.060%	
50) Toluene-d8	8.653	98	347070	50.344	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.085	95	139547	52.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	84472	50.048	ug/l	99
3) Chloromethane	1.294	50	88476	50.198	ug/l	99
4) Vinyl Chloride	1.380	62	89486	51.015	ug/l	100
5) Bromomethane	1.599	94	53272	51.015	ug/l	98
6) Chloroethane	1.679	64	57646	49.753	ug/l	100
7) Trichlorofluoromethane	1.886	101	151214	51.391	ug/l	98
8) Diethyl Ether	2.142	74	52268	51.336	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	87735	50.755	ug/l	97
10) Methyl Iodide	2.453	142	123354	51.581	ug/l	92
11) Tert butyl alcohol	2.983	59	137358	260.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	83039	51.293	ug/l	91
13) Acrolein	2.245	56	40964	248.240	ug/l	97
14) Allyl chloride	2.666	41	152894	51.966	ug/l	91
15) Acrylonitrile	3.075	53	271320	264.942	ug/l	96
16) Acetone	2.392	43	256393	240.163	ug/l	89
17) Carbon Disulfide	2.514	76	203530	50.166	ug/l	99
18) Methyl Acetate	2.715	43	176451	52.719	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	312499	52.523	ug/l	99
20) Methylene Chloride	2.794	84	97249	47.437	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	91761	51.773	ug/l	95
22) Diisopropyl ether	3.770	45	309631	53.581	ug/l	91
23) Vinyl Acetate	3.733	43	1278485	272.480	ug/l	94
24) 1,1-Dichloroethane	3.617	63	174081	51.338	ug/l	98
25) 2-Butanone	4.568	43	410006	260.749	ug/l	93
26) 2,2-Dichloropropane	4.483	77	133735	45.029	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	108244	52.883	ug/l	97
28) Bromochloromethane	4.910	49	65688	47.544	ug/l	96
29) Tetrahydrofuran	5.019	42	267404	271.699	ug/l	90
30) Chloroform	5.105	83	187564	52.016	ug/l	99
31) Cyclohexane	5.483	56	154141	52.632	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	171838	53.246	ug/l	99
36) 1,1-Dichloropropene	5.702	75	135034	52.049	ug/l	99
37) Ethyl Acetate	4.727	43	156859	51.889	ug/l	94
38) Carbon Tetrachloride	5.690	117	152071	52.079	ug/l	99
39) Methylcyclohexane	7.385	83	162715	52.532	ug/l	98
40) Benzene	6.050	78	386316	51.918	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	83455	51.768	ug/l	91
42) 1,2-Dichloroethane	6.098	62	162028	52.220	ug/l	93
43) Isopropyl Acetate	6.355	43	249041	51.753	ug/l	93
44) Trichloroethene	7.135	130	108022	51.669	ug/l	98
45) 1,2-Dichloropropane	7.440	63	101668	51.768	ug/l	97
46) Dibromomethane	7.586	93	73333	51.012	ug/l	99
47) Bromodichloromethane	7.830	83	141054	52.768	ug/l	100
48) Methyl methacrylate	7.702	41	126408	52.648	ug/l	87
49) 1,4-Dioxane	7.665	88	55243	1098.837	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	833290	271.748	ug/l	91
52) Toluene	8.726	92	256392	52.573	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	157548	51.972	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	164638	52.482	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	105662	50.873	ug/l	98
56) Ethyl methacrylate	9.122	69	169992	49.057	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	175335	51.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	412679	274.559	ug/l	98
59) 2-Hexanone	9.433	43	667864	279.518	ug/l	88
60) Dibromochloromethane	9.525	129	111898	47.593	ug/l	100
61) 1,2-Dibromoethane	9.616	107	115495	52.187	ug/l	98
64) Tetrachloroethene	9.275	164	107809	52.165	ug/l	94
65) Chlorobenzene	10.086	112	280014	51.018	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	106276	52.247	ug/l	100
67) Ethyl Benzene	10.195	91	505338	52.633	ug/l	99
68) m/p-Xylenes	10.305	106	397745	108.207	ug/l	99
69) o-Xylene	10.646	106	195960	53.407	ug/l	99
70) Styrene	10.659	104	329007	55.274	ug/l	97
71) Bromoform	10.805	173	83827	49.402	ug/l #	99
73) Isopropylbenzene	10.963	105	517767	50.047	ug/l	99
74) N-amyl acetate	10.848	43	231361	53.124	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	169960	50.781	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	159651m	49.977	ug/l	
77) Bromobenzene	11.201	156	128891	49.572	ug/l	97
78) n-propylbenzene	11.305	91	602404	51.544	ug/l	99
79) 2-Chlorotoluene	11.366	91	367697	50.650	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	446859	51.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	52892	48.695	ug/l	91
82) 4-Chlorotoluene	11.457	91	426108	51.588	ug/l	99
83) tert-Butylbenzene	11.719	119	436218	51.827	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	443967	51.755	ug/l	99
85) sec-Butylbenzene	11.896	105	551246	52.273	ug/l	99
86) p-Isopropyltoluene	12.012	119	464107	52.430	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	240682	51.678	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	238291	50.126	ug/l	99
89) n-Butylbenzene	12.335	91	399275	52.130	ug/l	98
90) Hexachloroethane	12.542	117	74272	52.077	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	232773	50.945	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38164	49.702	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	137684	51.135	ug/l	98
94) Hexachlorobutadiene	13.725	225	64201	47.749	ug/l	99
95) Naphthalene	13.780	128	475658	47.962	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143755	52.968	ug/l	99

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

