

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024182.D
 Acq On : 13 Sep 2021 11:54
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:22 AM

Quant Time: Sep 13 12:19:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:04:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	215251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	343153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	336763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171913	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	473642	161.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 323.240%#	
35) Dibromofluoromethane	5.397	113	373206	168.121	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 336.240%#	
50) Toluene-d8	8.653	98	1387035	165.220	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 330.440%#	
62) 4-Bromofluorobenzene	11.085	95	552499	177.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 355.580%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	309883	143.438	ug/l	100
3) Chloromethane	1.295	50	295640	125.796	ug/l	99
4) Vinyl Chloride	1.374	62	317521	138.197	ug/l	99
5) Bromomethane	1.599	94	161746	113.773	ug/l	99
7) Trichlorofluoromethane	1.868	101	527254	143.477	ug/l	98
8) Diethyl Ether	2.142	74	187460	146.424	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	314885	151.470	ug/l	96
10) Methyl Iodide	2.447	142	419826	146.574	ug/l	92
11) Tert butyl alcohol	3.008	59	447929	741.345	ug/l	99
12) 1,1-Dichloroethene	2.313	96	300705	151.231	ug/l	95
13) Acrolein	2.246	56	175083	524.790	ug/l	97
14) Allyl chloride	2.660	41	544651	148.749	ug/l	93
15) Acrylonitrile	3.081	53	925137	708.034	ug/l	97
16) Acetone	2.398	43	846065	646.373	ug/l	91
17) Carbon Disulfide	2.502	76	719578	153.573	ug/l	99
18) Methyl Acetate	2.715	43	510737	154.129	ug/l	94
19) Methyl tert-butyl Ether	3.130	73	1162496	165.980	ug/l	98
20) Methylene Chloride	2.788	84	343765	138.895	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	322298	151.548	ug/l	99
22) Diisopropyl ether	3.776	45	1107828	152.193	ug/l	93
23) Vinyl Acetate	3.733	43	4335340	738.915	ug/l	96
24) 1,1-Dichloroethane	3.611	63	624398	153.176	ug/l	98
25) 2-Butanone	4.580	43	1372925	700.831	ug/l	94
26) 2,2-Dichloropropane	4.483	77	570362	167.884	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	391532	154.824	ug/l	96
28) Bromochloromethane	4.910	49	259706	142.328	ug/l	100
29) Tetrahydrofuran	5.026	42	882482	696.333	ug/l	92
30) Chloroform	5.105	83	673811	155.252	ug/l	100
31) Cyclohexane	5.477	56	536186	146.883	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	628602	168.502	ug/l	100
36) 1,1-Dichloropropene	5.702	75	479005	156.552	ug/l	99
37) Ethyl Acetate	4.733	43	527172	139.487	ug/l	95
38) Carbon Tetrachloride	5.684	117	560054	172.939	ug/l	99
39) Methylcyclohexane	7.385	83	581030	156.911	ug/l	99
40) Benzene	6.050	78	1365615	150.777	ug/l	100
41) Methacrylonitrile	4.940	41	292831	143.375	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.099	62	559523	155.513	ug/l	95
43) Isopropyl Acetate	6.355	43	898810	152.041	ug/l	95
44) Trichloroethene	7.129	130	389288	155.107	ug/l	99
45) 1,2-Dichloropropane	7.440	63	363109	151.159	ug/l	98
46) Dibromomethane	7.586	93	265110	157.050	ug/l	100
47) Bromodichloromethane	7.830	83	535845	174.806	ug/l	100
48) Methyl methacrylate	7.702	41	451613	157.169	ug/l	89
49) 1,4-Dioxane	7.671	88	179289	2898.959	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	2740310	720.379	ug/l	94
52) Toluene	8.726	92	927481	158.189	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	630130	180.889	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	634095	171.489	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	394334	161.854	ug/l	99
56) Ethyl methacrylate	9.122	69	646714	170.991	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	638768	159.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1571570	791.206	ug/l	100
59) 2-Hexanone	9.439	43	2075072	707.336	ug/l	91
60) Dibromochloromethane	9.531	129	452224	191.647	ug/l	100
61) 1,2-Dibromoethane	9.616	107	430236	167.905	ug/l	99
64) Tetrachloroethene	9.281	164	366130	140.553	ug/l	97
65) Chlorobenzene	10.086	112	1047763	154.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.171	131	416938	171.268	ug/l	100
67) Ethyl Benzene	10.201	91	1862914	157.207	ug/l	97
68) m/p-Xylenes	10.305	106	1456684	322.763	ug/l	98
69) o-Xylene	10.646	106	728871	163.927	ug/l	98
70) Styrene	10.659	104	1224400	168.978	ug/l	98
71) Bromoform	10.805	173	344765	197.783	ug/l #	100
73) Isopropylbenzene	10.970	105	1891972	149.917	ug/l	98
74) N-amyl acetate	10.848	43	797404	139.998	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.220	83	579735	138.579	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	517139m	132.661	ug/l	
77) Bromobenzene	11.201	156	479969	153.346	ug/l	94
78) n-propylbenzene	11.311	91	2177060	151.285	ug/l	97
79) 2-Chlorotoluene	11.372	91	1317606	150.704	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1620972	156.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	210738	159.867	ug/l	99
82) 4-Chlorotoluene	11.457	91	1517997	153.246	ug/l	99
83) tert-Butylbenzene	11.719	119	1606572	158.772	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1612445	155.300	ug/l	99
85) sec-Butylbenzene	11.896	105	2010825	158.194	ug/l	99
86) p-Isopropyltoluene	12.012	119	1699643	162.175	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	878267	154.919	ug/l	99
88) 1,4-Dichlorobenzene	12.049	146	877351	155.526	ug/l	99
89) n-Butylbenzene	12.335	91	1488322	160.046	ug/l	99
90) Hexachloroethane	12.542	117	296073	182.635	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	852090	154.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	147995	170.890	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	574878	174.507	ug/l	99
94) Hexachlorobutadiene	13.731	225	251130	168.661	ug/l	99
95) Naphthalene	13.780	128	1873907	174.226	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	577630	176.039	ug/l	99

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

