

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024455.D
 Acq On : 23 Sep 2021 17:16
 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
 9/24/2021 6:57:52 PM

Quant Time: Sep 23 17:38:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 17:32:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	163387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	246397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137736	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	338362	144.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 289.380%#	
35) Dibromofluoromethane	5.391	113	261495	151.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 302.840%#	
50) Toluene-d8	8.653	98	962344	152.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 305.080%#	
62) 4-Bromofluorobenzene	11.085	95	399547	163.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 327.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	244370	153.062	ug/l	99
3) Chloromethane	1.294	50	218239	133.776	ug/l	100
4) Vinyl Chloride	1.374	62	236911	144.420	ug/l	99
5) Bromomethane	1.593	94	131569	130.299	ug/l	99
7) Trichlorofluoromethane	1.873	101	400381	145.078	ug/l	99
8) Diethyl Ether	2.136	74	136036	144.233	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.318	101	228004	141.712	ug/l	96
10) Methyl Iodide	2.447	142	338927	154.244	ug/l	91
11) Tert butyl alcohol	3.001	59	388061	693.846	ug/l	98
12) 1,1-Dichloroethene	2.312	96	217019	144.924	ug/l	94
13) Acrolein	2.239	56	95899	643.520	ug/l	98
14) Allyl chloride	2.660	41	406400	149.041	ug/l	92
15) Acrylonitrile	3.074	53	742404	771.967	ug/l	97
16) Acetone	2.392	43	690683	689.426	ug/l	89
17) Carbon Disulfide	2.501	76	568856	151.657	ug/l	99
18) Methyl Acetate	2.709	43	478254	151.925	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	827806	150.429	ug/l	100
20) Methylene Chloride	2.788	84	247994	130.971	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	243006	147.513	ug/l	96
22) Diisopropyl ether	3.776	45	819516	152.873	ug/l	91
23) Vinyl Acetate	3.733	43	3396050	777.914	ug/l	96
24) 1,1-Dichloroethane	3.611	63	453833	144.624	ug/l	98
25) 2-Butanone	4.574	43	1135530	765.608	ug/l	94
26) 2,2-Dichloropropane	4.483	77	401679	146.103	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	286018	150.971	ug/l	96
28) Bromochloromethane	4.910	49	212981	163.649	ug/l	98
29) Tetrahydrofuran	5.019	42	740421	796.537	ug/l	91
30) Chloroform	5.105	83	493080	147.607	ug/l	98
31) Cyclohexane	5.476	56	406572	149.403	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	456755	152.561	ug/l	100
36) 1,1-Dichloropropene	5.696	75	357555	151.213	ug/l	99
37) Ethyl Acetate	4.727	43	428405	153.592	ug/l	95
38) Carbon Tetrachloride	5.684	117	407847	153.004	ug/l	100
39) Methylcyclohexane	7.385	83	434012	153.718	ug/l	98
40) Benzene	6.043	78	1002756	148.514	ug/l	100
41) Methacrylonitrile	4.934	41	236872	160.560	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.098	62	412789	145.798	ug/l	94
43) Isopropyl Acetate	6.354	43	682776	155.555	ug/l	93
44) Trichloroethene	7.129	130	281011	148.180	ug/l	98
45) 1,2-Dichloropropane	7.440	63	261820	146.958	ug/l	97
46) Dibromomethane	7.586	93	194102	148.576	ug/l	99
47) Bromodichloromethane	7.830	83	380143	156.549	ug/l	98
48) Methyl methacrylate	7.702	41	341682	155.547	ug/l	88
49) 1,4-Dioxane	7.671	88	157384	3360.000	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	2257442	801.932	ug/l	92
52) Toluene	8.726	92	670376	151.357	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	447369	162.818	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	451587	159.398	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	279881	148.549	ug/l	99
56) Ethyl methacrylate	9.122	69	466299	164.927	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	458620	149.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	1147038	826.501	ug/l	98
59) 2-Hexanone	9.439	43	1811995	823.270	ug/l	90
60) Dibromochloromethane	9.525	129	316797	167.038	ug/l	100
61) 1,2-Dibromoethane	9.616	107	310518	153.892	ug/l	99
64) Tetrachloroethene	9.281	164	245303	131.389	ug/l	98
65) Chlorobenzene	10.085	112	746458	147.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	290432	154.767	ug/l	99
67) Ethyl Benzene	10.201	91	1334552	150.081	ug/l	98
68) m/p-Xylenes	10.305	106	1055841	310.087	ug/l	99
69) o-Xylene	10.646	106	521512	153.900	ug/l	100
70) Styrene	10.658	104	897947	163.098	ug/l	98
71) Bromoform	10.805	173	254834	181.447	ug/l	99
73) Isopropylbenzene	10.963	105	1383142	136.381	ug/l	99
74) N-amyl acetate	10.847	43	651612	152.085	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	475015	142.452	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	428628m	136.112	ug/l	
77) Bromobenzene	11.201	156	350801	138.078	ug/l	95
78) n-propylbenzene	11.311	91	1634795	142.477	ug/l	98
79) 2-Chlorotoluene	11.366	91	987004	138.960	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1228975	143.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	169905	159.141	ug/l	97
82) 4-Chlorotoluene	11.457	91	1166544	143.536	ug/l	100
83) tert-Butylbenzene	11.719	119	1212220	145.694	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	1220521	144.581	ug/l	100
85) sec-Butylbenzene	11.896	105	1520392	146.703	ug/l	99
86) p-Isopropyltoluene	12.012	119	1316540	150.868	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	679248	147.565	ug/l	99
88) 1,4-Dichlorobenzene	12.048	146	684314	145.163	ug/l	99
89) n-Butylbenzene	12.335	91	1194594	157.624	ug/l	99
90) Hexachloroethane	12.542	117	225393	160.738	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	668968	147.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	129733	167.677	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	458116	170.154	ug/l	99
94) Hexachlorobutadiene	13.731	225	199358	148.552	ug/l	99
95) Naphthalene	13.780	128	1563379	179.364	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	461236	169.891	ug/l	99

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

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