

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024477.D
 Acq On : 24 Sep 2021 03:04
 Operator : JC/MD
 Sample : VX0923WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:04 PM

Quant Time: Sep 24 07:43:03 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	173752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	119928	48.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.940%
35) Dibromofluoromethane	5.391	113	94148	55.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.420%
50) Toluene-d8	8.653	98	312746	49.829	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.085	95	121157	49.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37281	21.323	ug/l	99
3) Chloromethane	1.294	50	31367	19.033	ug/l	98
4) Vinyl Chloride	1.374	62	32297	18.735	ug/l	99
5) Bromomethane	1.599	94	23511	20.264	ug/l	98
6) Chloroethane	1.684	64	18955	16.682	ug/l	98
7) Trichlorofluoromethane	1.886	101	52447	17.240	ug/l	96
8) Diethyl Ether	2.136	74	17507	16.907	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	35359	20.612	ug/l	98
10) Methyl Iodide	2.453	142	48611	20.252	ug/l	93
11) Tert butyl alcohol	2.971	59	68356	113.255	ug/l	99
12) 1,1-Dichloroethene	2.318	96	33240	20.869	ug/l	96
13) Acrolein	2.239	56	11976	96.843	ug/l	95
14) Allyl chloride	2.666	41	59124	20.304	ug/l	95
15) Acrylonitrile	3.068	53	118019	106.085	ug/l	98
16) Acetone	2.386	43	108662	99.045	ug/l	94
17) Carbon Disulfide	2.514	76	81444	19.974	ug/l	99
18) Methyl Acetate	2.709	43	77772	21.209	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	122856	20.467	ug/l	98
20) Methylene Chloride	2.794	84	39499	20.891	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	35957	19.881	ug/l	94
22) Diisopropyl ether	3.769	45	120231	20.209	ug/l	97
23) Vinyl Acetate	3.727	43	481885	100.025	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	69435	21.020	ug/l	100
25) 2-Butanone	4.568	43	170552	101.130	ug/l	93
26) 2,2-Dichloropropane	4.489	77	43321	14.579	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	42444	20.078	ug/l	100
28) Bromochloromethane	4.903	49	26858	17.911	ug/l	95
29) Tetrahydrofuran	5.019	42	114055	106.138	ug/l	90
30) Chloroform	5.105	83	73083	20.033	ug/l	99
31) Cyclohexane	5.476	56	59700	20.360	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	64516	19.919	ug/l	100
36) 1,1-Dichloropropene	5.702	75	51329	20.858	ug/l	99
37) Ethyl Acetate	4.727	43	61818	20.121	ug/l	96
38) Carbon Tetrachloride	5.690	117	55896	20.867	ug/l	99
39) Methylcyclohexane	7.385	83	55610	19.300	ug/l	97
40) Benzene	6.043	78	152479	21.669	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	32664	20.587	ug/l	95
42) 1,2-Dichloroethane	6.098	62	59375	20.092	ug/l	95
43) Isopropyl Acetate	6.348	43	91044	19.492	ug/l	94
44) Trichloroethene	7.135	130	36308	18.754	ug/l	98
45) 1,2-Dichloropropane	7.440	63	36137	19.906	ug/l	94
46) Dibromomethane	7.586	93	25703	18.881	ug/l	99
47) Bromodichloromethane	7.824	83	48523	19.449	ug/l	99
48) Methyl methacrylate	7.702	41	44451	19.219	ug/l	85
49) 1,4-Dioxane	7.665	88	20017	377.859	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	301977	97.930	ug/l	91
52) Toluene	8.720	92	89402	19.668	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	51133	18.082	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	53538	18.620	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	37495	19.949	ug/l	98
56) Ethyl methacrylate	9.122	69	60239	20.137	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	62581	19.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	126777	85.856	ug/l	98
59) 2-Hexanone	9.433	43	243601	100.314	ug/l	88
60) Dibromochloromethane	9.525	129	37118	18.179	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39096	18.948	ug/l	99
64) Tetrachloroethene	9.281	164	31835	19.220	ug/l	97
65) Chlorobenzene	10.085	112	97398	19.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36551	19.672	ug/l	99
67) Ethyl Benzene	10.195	91	173696	19.682	ug/l	100
68) m/p-Xylenes	10.305	106	134837	39.843	ug/l	98
69) o-Xylene	10.646	106	67056	20.038	ug/l	96
70) Styrene	10.658	104	111543	19.933	ug/l	97
71) Bromoform	10.805	173	26742	18.068	ug/l #	99
73) Isopropylbenzene	10.963	105	176970	20.766	ug/l	99
74) N-amyl acetate	10.847	43	77935	19.882	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	61582	20.434	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	55620m	20.318	ug/l	
77) Bromobenzene	11.201	156	43755	19.953	ug/l	94
78) n-propylbenzene	11.305	91	202198	20.297	ug/l	99
79) 2-Chlorotoluene	11.366	91	126680	20.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	152747	20.981	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	16380	17.789	ug/l #	86
82) 4-Chlorotoluene	11.457	91	143050	20.035	ug/l	100
83) tert-Butylbenzene	11.719	119	147772	20.246	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	152319	21.043	ug/l	100
85) sec-Butylbenzene	11.896	105	188355	20.977	ug/l	99
86) p-Isopropyltoluene	12.012	119	154237	20.144	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	80938	19.381	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	80833	18.738	ug/l	96
89) n-Butylbenzene	12.335	91	131335	19.372	ug/l	98
90) Hexachloroethane	12.542	117	25390	20.166	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	82699	20.031	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14735	20.249	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	53457	20.337	ug/l	97
94) Hexachlorobutadiene	13.725	225	23825	19.814	ug/l	97
95) Naphthalene	13.780	128	184798	21.965	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55623	20.651	ug/l	99

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

