

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024350.D
 Acq On : 20 Sep 2021 14:43
 Operator : JC/MD
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:40:22 PM

Quant Time: Sep 22 08:59:39 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	199677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149704	52.577	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.160%	
35) Dibromofluoromethane	5.397	113	112081	54.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.200%	
50) Toluene-d8	8.653	98	403765	53.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	11.085	95	155985	53.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	44425	23.145	ug/l	97
3) Chloromethane	1.294	50	47690	23.793	ug/l	98
4) Vinyl Chloride	1.374	62	46003	23.061	ug/l	100
5) Bromomethane	1.599	94	28407	23.921	ug/l	98
6) Chloroethane	1.685	64	25858	19.625	ug/l	99
7) Trichlorofluoromethane	1.886	101	70881	21.182	ug/l	94
8) Diethyl Ether	2.142	74	23993	20.722	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	40105	20.401	ug/l	94
10) Methyl Iodide	2.453	142	55048	20.241	ug/l	93
11) Tert butyl alcohol	2.977	59	60380	86.687	ug/l	98
12) 1,1-Dichloroethene	2.319	96	37365	20.295	ug/l	92
13) Acrolein	2.239	56	19730	105.135	ug/l	98
14) Allyl chloride	2.666	41	66284	19.810	ug/l	87
15) Acrylonitrile	3.075	53	120180	103.194	ug/l	97
16) Acetone	2.386	43	129151	106.377	ug/l	# 87
17) Carbon Disulfide	2.514	76	84108	18.229	ug/l	98
18) Methyl Acetate	2.709	43	79331	20.842	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	142349	21.038	ug/l	99
20) Methylene Chloride	2.794	84	46378	19.893	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	40808	20.246	ug/l	98
22) Diisopropyl ether	3.776	45	140830	21.430	ug/l	96
23) Vinyl Acetate	3.733	43	574915	107.744	ug/l	96
24) 1,1-Dichloroethane	3.617	63	78809	20.437	ug/l	97
25) 2-Butanone	4.568	43	185798	103.902	ug/l	# 88
26) 2,2-Dichloropropane	4.483	77	71447	21.154	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	48844	20.983	ug/l	95
28) Bromochloromethane	4.903	49	29324	18.663	ug/l	96
29) Tetrahydrofuran	5.019	42	114238	102.067	ug/l	91
30) Chloroform	5.105	83	84936	20.712	ug/l	99
31) Cyclohexane	5.477	56	65668	19.717	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	77285	21.058	ug/l	97
36) 1,1-Dichloropropene	5.702	75	59811	21.058	ug/l	99
37) Ethyl Acetate	4.727	43	69195	20.908	ug/l	94
38) Carbon Tetrachloride	5.684	117	67954	21.257	ug/l	98
39) Methylcyclohexane	7.391	83	70173	20.693	ug/l	97
40) Benzene	6.050	78	173733	21.327	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	36836	20.871	ug/l	92
42) 1,2-Dichloroethane	6.092	62	73701	21.696	ug/l	95
43) Isopropyl Acetate	6.348	43	112478	21.350	ug/l	93
44) Trichloroethene	7.135	130	48256	21.083	ug/l	98
45) 1,2-Dichloropropane	7.434	63	45427	21.128	ug/l	97
46) Dibromomethane	7.586	93	33734	21.434	ug/l	97
47) Bromodichloromethane	7.830	83	62278	21.281	ug/l	96
48) Methyl methacrylate	7.702	41	56318	21.425	ug/l	84
49) 1,4-Dioxane	7.665	88	22065	400.891	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	369717	110.130	ug/l	89
52) Toluene	8.720	92	115128	21.563	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	69918	21.067	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	73338	21.354	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	48294	21.239	ug/l	98
56) Ethyl methacrylate	9.122	69	73009	20.073	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	79816	21.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	172126	104.601	ug/l	98
59) 2-Hexanone	9.433	43	290474	111.044	ug/l	86
60) Dibromochloromethane	9.525	129	48132	19.747	ug/l	98
61) 1,2-Dibromoethane	9.616	107	51359	21.197	ug/l	98
64) Tetrachloroethene	9.275	164	49741	22.181	ug/l	95
65) Chlorobenzene	10.085	112	125961	21.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48146	21.814	ug/l	99
67) Ethyl Benzene	10.195	91	223180	21.423	ug/l	100
68) m/p-Xylenes	10.305	106	174259	43.692	ug/l	100
69) o-Xylene	10.646	106	86051	21.614	ug/l	100
70) Styrene	10.659	104	140286	21.721	ug/l	97
71) Bromoform	10.805	173	36003	20.234	ug/l #	100
73) Isopropylbenzene	10.963	105	223757	20.568	ug/l	99
74) N-amyl acetate	10.848	43	97779	21.350	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	76039	21.605	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	69903m	20.809	ug/l	
77) Bromobenzene	11.201	156	57328	20.967	ug/l	93
78) n-propylbenzene	11.305	91	257626	20.962	ug/l	99
79) 2-Chlorotoluene	11.366	91	159111	20.843	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	191615	20.895	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22672	19.849	ug/l	86
82) 4-Chlorotoluene	11.457	91	181796	20.931	ug/l	99
83) tert-Butylbenzene	11.719	119	188419	21.288	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	192718	21.364	ug/l	99
85) sec-Butylbenzene	11.896	105	232797	20.993	ug/l	100
86) p-Isopropyltoluene	12.012	119	198096	21.281	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104285	21.294	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	105545	21.113	ug/l	98
89) n-Butylbenzene	12.335	91	171519	21.296	ug/l	96
90) Hexachloroethane	12.542	117	30417	20.282	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	104531	21.756	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16127	19.973	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	59767	21.109	ug/l	99
94) Hexachlorobutadiene	13.725	225	29013	20.520	ug/l	98
95) Naphthalene	13.780	128	197187	19.687	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60464	21.186	ug/l	99

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

