

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024347.D
 Acq On : 20 Sep 2021 13:21
 Operator : JC/MD
 Sample : VX0920WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:40:21 PM

Quant Time: Sep 22 08:59:06 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	219908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	340653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153608	48.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.391	113	117071	51.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.653	98	403608	48.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.085	95	167690	51.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	43204	20.438	ug/l	98
3) Chloromethane	1.294	50	44390	20.109	ug/l	98
4) Vinyl Chloride	1.374	62	42782	19.473	ug/l	100
5) Bromomethane	1.599	94	27164	20.770	ug/l	97
6) Chloroethane	1.685	64	23672	16.313	ug/l	98
7) Trichlorofluoromethane	1.886	101	65624	17.807	ug/l	97
8) Diethyl Ether	2.136	74	22037	17.281	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	38949	17.990	ug/l	97
10) Methyl Iodide	2.453	142	49936	16.672	ug/l	91
11) Tert butyl alcohol	2.977	59	59223	74.681	ug/l	100
12) 1,1-Dichloroethene	2.319	96	33920	16.729	ug/l	92
13) Acrolein	2.239	56	18172	87.925	ug/l	99
14) Allyl chloride	2.666	41	63646	17.272	ug/l	89
15) Acrylonitrile	3.068	53	114665	89.400	ug/l	99
16) Acetone	2.386	43	131472	98.327	ug/l	89
17) Carbon Disulfide	2.514	76	79576	15.660	ug/l	98
18) Methyl Acetate	2.709	43	72379	17.266	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	130683	17.537	ug/l	99
20) Methylene Chloride	2.794	84	42227	16.446	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	37697	16.982	ug/l	97
22) Diisopropyl ether	3.770	45	152842	21.118	ug/l	96
23) Vinyl Acetate	3.727	43	620975	105.670	ug/l	94
24) 1,1-Dichloroethane	3.617	63	80988	19.070	ug/l	99
25) 2-Butanone	4.568	43	211074	107.178	ug/l	92
26) 2,2-Dichloropropane	4.477	77	77957	20.958	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	53639	20.923	ug/l	97
28) Bromochloromethane	4.904	49	29350	16.961	ug/l	98
29) Tetrahydrofuran	5.013	42	127549	103.475	ug/l	90
30) Chloroform	5.099	83	93512	20.706	ug/l	97
31) Cyclohexane	5.477	56	75355	20.544	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	83455	20.647	ug/l	100
36) 1,1-Dichloropropene	5.696	75	66112	21.109	ug/l	99
37) Ethyl Acetate	4.721	43	75260	20.622	ug/l	95
38) Carbon Tetrachloride	5.684	117	72407	20.540	ug/l	99
39) Methylcyclohexane	7.385	83	74425	19.903	ug/l	97
40) Benzene	6.044	78	190287	21.183	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40623	20.873	ug/l	92
42) 1,2-Dichloroethane	6.092	62	78117	20.855	ug/l	94
43) Isopropyl Acetate	6.348	43	120010	20.658	ug/l	93
44) Trichloroethene	7.129	130	52590	20.837	ug/l	89
45) 1,2-Dichloropropane	7.434	63	44983	18.973	ug/l	100
46) Dibromomethane	7.586	93	34226	19.722	ug/l	98
47) Bromodichloromethane	7.830	83	62040	19.225	ug/l	97
48) Methyl methacrylate	7.696	41	55837	19.264	ug/l	86
49) 1,4-Dioxane	7.665	88	21803	359.240	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	368415	99.522	ug/l	91
52) Toluene	8.720	92	106810	18.142	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	65790	17.977	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	73844	19.499	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	45221	18.035	ug/l	98
56) Ethyl methacrylate	9.122	69	69003	17.399	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	72725	17.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	145495	80.183	ug/l	98
59) 2-Hexanone	9.433	43	280140	97.120	ug/l	86
60) Dibromochloromethane	9.525	129	45998	17.344	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47000	17.592	ug/l	100
64) Tetrachloroethene	9.275	164	47921	22.429	ug/l	96
65) Chlorobenzene	10.079	112	120750	21.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45317	21.550	ug/l	100
67) Ethyl Benzene	10.195	91	213161	21.476	ug/l	99
68) m/p-Xylenes	10.305	106	168692	44.393	ug/l	100
69) o-Xylene	10.646	106	84187	22.194	ug/l	98
70) Styrene	10.659	104	139549	22.678	ug/l	97
71) Bromoform	10.805	173	38117	22.359	ug/l #	99
73) Isopropylbenzene	10.963	105	245949	20.645	ug/l	99
74) N-amyl acetate	10.848	43	101923	20.324	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	82409	21.383	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	79716m	21.671	ug/l	
77) Bromobenzene	11.201	156	62804	20.977	ug/l	95
78) n-propylbenzene	11.305	91	291467	21.658	ug/l	99
79) 2-Chlorotoluene	11.366	91	180950	21.646	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	217464	21.656	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25002	19.990	ug/l	90
82) 4-Chlorotoluene	11.457	91	203790	21.426	ug/l	100
83) tert-Butylbenzene	11.719	119	206882	21.346	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	216506	21.918	ug/l	99
85) sec-Butylbenzene	11.896	105	267869	22.059	ug/l	100
86) p-Isopropyltoluene	12.012	119	224879	22.062	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116380	21.701	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	114747	20.962	ug/l	99
89) n-Butylbenzene	12.335	91	187824	21.296	ug/l	98
90) Hexachloroethane	12.542	117	32329	19.686	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	108461	20.615	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15977	18.069	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	67620	21.810	ug/l	98
94) Hexachlorobutadiene	13.725	225	34737	22.436	ug/l	99
95) Naphthalene	13.780	128	216376	19.726	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67295	21.533	ug/l	99

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

