

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024531.D
 Acq On : 04 Oct 2021 19:30
 Operator : JC/MD
 Sample : M3911-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-04-(0.5)MS

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:04:48 PM

Quant Time: Oct 05 03:22:17 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	162253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108604	47.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.98%		
35) Dibromofluoromethane	5.391	113	84165	48.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.72%		
50) Toluene-d8	8.653	98	270613	42.25	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.50%#		
62) 4-Bromofluorobenzene	11.085	95	111004	44.08	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79456	48.67	ug/l	100
3) Chloromethane	1.294	50	79488	51.65	ug/l	99
4) Vinyl Chloride	1.374	62	81065	50.36	ug/l	98
5) Bromomethane	1.599	94	43495	40.14	ug/l	98
6) Chloroethane	1.678	64	43364	40.49	ug/l	98
7) Trichlorofluoromethane	1.880	101	117707	41.43	ug/l	99
8) Diethyl Ether	2.136	74	41098	42.50	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	69711	43.52	ug/l	95
10) Methyl Iodide	2.453	142	94555	42.18	ug/l	92
11) Tert butyl alcohol	2.977	59	113077	210.67	ug/l	98
12) 1,1-Dichloroethene	2.319	96	64745	43.53	ug/l	95
13) Acrolein	2.239	56	33346	268.83	ug/l	99
14) Allyl chloride	2.666	41	120024	44.14	ug/l	90
15) Acrylonitrile	3.068	53	258261	248.60	ug/l	98
16) Acetone	2.386	43	218997	226.01	ug/l	88
17) Carbon Disulfide	2.507	76	150158	39.21	ug/l	97
18) Methyl Acetate	2.709	43	142704	41.67	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	299394	53.41	ug/l	98
20) Methylene Chloride	2.788	84	77786	45.36	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	82816	49.03	ug/l	96
22) Diisopropyl ether	3.769	45	292404	52.63	ug/l	94
23) Vinyl Acetate	3.727	43	1102374	245.04	ug/l	95
24) 1,1-Dichloroethane	3.611	63	164311	53.27	ug/l	97
25) 2-Butanone	4.568	43	402589	255.64	ug/l	94
26) 2,2-Dichloropropane	4.477	77	119019	42.89	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	103337	52.35	ug/l	99
28) Bromochloromethane	4.903	49	71388	50.98	ug/l	99
29) Tetrahydrofuran	5.019	42	266686	265.76	ug/l	91
30) Chloroform	5.105	83	175937	51.64	ug/l	100
31) Cyclohexane	5.476	56	139012	50.77	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	156482	51.74	ug/l	99
36) 1,1-Dichloropropene	5.702	75	121452	48.36	ug/l	99
37) Ethyl Acetate	4.727	43	140728	44.88	ug/l	96
38) Carbon Tetrachloride	5.684	117	136027	49.76	ug/l	97
39) Methylcyclohexane	7.385	83	143716	48.87	ug/l	97
40) Benzene	6.043	78	389363	54.22	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	82689	51.07	ug/l	94
42) 1,2-Dichloroethane	6.092	62	143082	47.44	ug/l	95
43) Isopropyl Acetate	6.348	43	222834	46.75	ug/l	95
44) Trichloroethene	7.129	130	97820	49.51	ug/l	98
45) 1,2-Dichloropropane	7.440	63	96215	51.93	ug/l	95
46) Dibromomethane	7.586	93	69032	49.69	ug/l	98
47) Bromodichloromethane	7.824	83	131860	51.79	ug/l	98
48) Methyl methacrylate	7.696	41	115724	49.03	ug/l	91
49) 1,4-Dioxane	7.665	88	51287	948.66	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	705351	224.14	ug/l	91
52) Toluene	8.720	92	202612	43.68	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	128118	44.40	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	151199	51.53	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	88332	46.05	ug/l	97
56) Ethyl methacrylate	9.122	69	137134	44.92	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	143810	44.44	ug/l	99
59) 2-Hexanone	9.433	43	562247	226.87	ug/l	87
60) Dibromochloromethane	9.525	129	92351	42.61	ug/l	99
61) 1,2-Dibromoethane	9.616	107	94288	44.78	ug/l	100
64) Tetrachloroethene	9.281	164	71525	48.46	ug/l	96
65) Chlorobenzene	10.079	112	266926	60.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	87004	52.55	ug/l	99
67) Ethyl Benzene	10.195	91	404072	51.38	ug/l	100
68) m/p-Xylenes	10.305	106	316367	104.91	ug/l	99
69) o-Xylene	10.646	106	157525	52.82	ug/l	99
70) Styrene	10.658	104	262753	52.69	ug/l	97
71) Bromoform	10.805	173	69306	48.12	ug/l	97
73) Isopropylbenzene	10.963	105	410996	49.04	ug/l	99
74) N-amyl acetate	10.847	43	177261	45.98	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	146268	49.35	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	133641m	49.64	ug/l	
77) Bromobenzene	11.201	156	103802	48.13	ug/l	97
78) n-propylbenzene	11.305	91	481756	49.17	ug/l	99
79) 2-Chlorotoluene	11.366	91	298868	50.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	363728	50.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	45369	46.58	ug/l	91
82) 4-Chlorotoluene	11.457	91	347597	49.50	ug/l	99
83) tert-Butylbenzene	11.719	119	364554	50.79	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	369454	51.90	ug/l	98
85) sec-Butylbenzene	11.896	105	450703	51.04	ug/l	99
86) p-Isopropyltoluene	12.012	119	383393	50.91	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	204241	49.73	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	211320	49.81	ug/l	99
89) n-Butylbenzene	12.335	91	341469	51.21	ug/l	98
90) Hexachloroethane	12.542	117	68486	55.31	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	218049	53.70	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38852	54.29	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	140848	54.48	ug/l	98
94) Hexachlorobutadiene	13.725	225	56650	47.90	ug/l	99
95) Naphthalene	13.780	128	977948	118.19	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145731	55.01	ug/l	99

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

