

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024790.D
 Acq On : 13 Oct 2021 17:49
 Operator : JC/MD
 Sample : VX1013WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBS01

Manual Integrations
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 10/14/2021 2:35:46 PM

Quant Time: Oct 14 03:57:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	178002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	277388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105412	48.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.36%		
35) Dibromofluoromethane	5.391	113	78987	47.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.66%		
50) Toluene-d8	8.653	98	301620	49.38	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.76%		
62) 4-Bromofluorobenzene	11.085	95	113622	47.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35553	18.75	ug/l	93
3) Chloromethane	1.295	50	31388	19.01	ug/l	98
4) Vinyl Chloride	1.374	62	33144	19.37	ug/l	98
5) Bromomethane	1.605	94	22381	22.61	ug/l	100
6) Chloroethane	1.685	64	19410	18.44	ug/l	96
7) Trichlorofluoromethane	1.886	101	52117	17.83	ug/l	100
8) Diethyl Ether	2.136	74	16665	17.36	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	30403	17.69	ug/l	99
10) Methyl Iodide	2.453	142	28650	13.88	ug/l	99
11) Tert butyl alcohol	2.971	59	40999	88.91	ug/l	100
12) 1,1-Dichloroethene	2.319	96	26639	17.15	ug/l	96
13) Acrolein	2.239	56	15793	82.47	ug/l	97
14) Allyl chloride	2.666	41	49707	17.72	ug/l	99
15) Acrylonitrile	3.069	53	90808	88.32	ug/l	99
16) Acetone	2.386	43	100070	77.00	ug/l	99
17) Carbon Disulfide	2.514	76	64632	15.93	ug/l	99
18) Methyl Acetate	2.709	43	64156	17.76	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	100579	17.54	ug/l	98
20) Methylene Chloride	2.794	84	32053	17.28	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	29638	17.10	ug/l	95
22) Diisopropyl ether	3.770	45	99672	17.60	ug/l	97
23) Vinyl Acetate	3.727	43	385757	88.72	ug/l	100
24) 1,1-Dichloroethane	3.611	63	56624	17.38	ug/l	99
25) 2-Butanone	4.568	43	140296	90.10	ug/l	100
26) 2,2-Dichloropropane	4.483	77	49952	17.64	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	34226	17.23	ug/l	99
28) Bromochloromethane	4.904	49	24398	17.94	ug/l	97
29) Tetrahydrofuran	5.013	42	86953	87.88	ug/l	99
30) Chloroform	5.105	83	60752	17.35	ug/l	93
31) Cyclohexane	5.483	56	50374	17.28	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	54798	17.53	ug/l	99
36) 1,1-Dichloropropene	5.696	75	43469	17.71	ug/l	100
37) Ethyl Acetate	4.721	43	49528	17.51	ug/l	99
38) Carbon Tetrachloride	5.684	117	48397	17.60	ug/l	98
39) Methylcyclohexane	7.385	83	54133	17.79	ug/l	99
40) Benzene	6.044	78	124609	17.66	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27681	17.94	ug/l	98
42) 1,2-Dichloroethane	6.092	62	50740	17.47	ug/l	99
43) Isopropyl Acetate	6.348	43	78356	17.91	ug/l	100
44) Trichloroethene	7.129	130	34968	17.68	ug/l	92
45) 1,2-Dichloropropane	7.434	63	31841	17.35	ug/l	96
46) Dibromomethane	7.586	93	23438	17.65	ug/l	99
47) Bromodichloromethane	7.824	83	42560	16.95	ug/l	99
48) Methyl methacrylate	7.696	41	38096	17.86	ug/l	99
49) 1,4-Dioxane	7.665	88	16647	362.06	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	263269	90.67	ug/l	100
52) Toluene	8.720	92	81844	17.93	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	48589	17.41	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	50910	17.41	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	33800	17.52	ug/l	99
56) Ethyl methacrylate	9.122	69	50969	16.42	ug/l	100
57) 1,3-Dichloropropane	9.311	76	56051	17.82	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	123308	91.46	ug/l	100
59) 2-Hexanone	9.433	43	208841	81.15	ug/l	98
60) Dibromochloromethane	9.525	129	32866	15.88	ug/l	100
61) 1,2-Dibromoethane	9.616	107	36411	17.56	ug/l	99
64) Tetrachloroethene	9.275	164	34137	17.69	ug/l	98
65) Chlorobenzene	10.080	112	89484	17.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33345	17.41	ug/l	98
67) Ethyl Benzene	10.195	91	158235	17.59	ug/l	99
68) m/p-Xylenes	10.305	106	124088	35.75	ug/l	99
69) o-Xylene	10.647	106	59810	17.56	ug/l	99
70) Styrene	10.659	104	99463	16.20	ug/l	99
71) Bromoform	10.805	173	23866	16.00	ug/l #	99
73) Isopropylbenzene	10.964	105	160683	18.14	ug/l	100
74) N-amyl acetate	10.848	43	64127	17.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	52657	17.53	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	50591m	18.11	ug/l	
77) Bromobenzene	11.201	156	39699	17.44	ug/l	99
78) n-propylbenzene	11.305	91	186606	18.28	ug/l	100
79) 2-Chlorotoluene	11.366	91	114551	18.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	139861	18.61	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	15568	15.74	ug/l	95
82) 4-Chlorotoluene	11.457	91	130022	17.80	ug/l	100
83) tert-Butylbenzene	11.719	119	133841	18.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	140385	18.53	ug/l	99
85) sec-Butylbenzene	11.896	105	170603	18.30	ug/l	100
86) p-Isopropyltoluene	12.012	119	145103	18.55	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	74702	17.41	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	73449	16.75	ug/l	96
89) n-Butylbenzene	12.335	91	123743	17.95	ug/l	99
90) Hexachloroethane	12.543	117	21834	17.39	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	74209	17.50	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12180	17.72	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	44933	17.36	ug/l	100
94) Hexachlorobutadiene	13.725	225	21476	17.18	ug/l	97
95) Naphthalene	13.780	128	148353	15.89	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45508	17.49	ug/l	99

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

