

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024817.D
 Acq On : 14 Oct 2021 16:37
 Operator : JC/MD
 Sample : VX1014WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBSD01

Manual Integrations
 APPROVED

apatel
 10/15/2021 1:19:24 PM

Quant Time: Oct 15 00:02:54 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	5.556	168	158325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98464	50.60	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.20%			
35) Dibromofluoromethane	5.391	113	74196	50.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.90%			
50) Toluene-d8	8.653	98	275365	50.62	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.24%			
62) 4-Bromofluorobenzene	11.085	95	105610	49.36	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29809	17.68	ug/l	98
3) Chloromethane	1.294	50	25862	17.61	ug/l	98
4) Vinyl Chloride	1.374	62	26519	17.43	ug/l	96
5) Bromomethane	1.605	94	18840	21.12	ug/l	99
6) Chloroethane	1.684	64	16258	17.36	ug/l	96
7) Trichlorofluoromethane	1.886	101	44869	17.26	ug/l	96
8) Diethyl Ether	2.136	74	15840	18.56	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	26613	17.41	ug/l	99
10) Methyl Iodide	2.453	142	30711	16.54	ug/l	100
11) Tert butyl alcohol	2.977	59	39115	95.36	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23802	17.23	ug/l	100
13) Acrolein	2.239	56	17560	103.10	ug/l	99
14) Allyl chloride	2.666	41	44599	17.88	ug/l	99
15) Acrylonitrile	3.068	53	88667	96.95	ug/l	100
16) Acetone	2.386	43	86150	73.73	ug/l	98
17) Carbon Disulfide	2.514	76	57034	15.80	ug/l	99
18) Methyl Acetate	2.709	43	63647	19.81	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	93967	18.42	ug/l	99
20) Methylene Chloride	2.794	84	29983	18.17	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	26546	17.22	ug/l	98
22) Diisopropyl ether	3.763	45	93023	18.47	ug/l #	87
23) Vinyl Acetate	3.727	43	359384	92.93	ug/l	100
24) 1,1-Dichloroethane	3.611	63	51303	17.71	ug/l	98
25) 2-Butanone	4.568	43	129264	93.34	ug/l	98
26) 2,2-Dichloropropane	4.483	77	41556	16.50	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	31240	17.68	ug/l	99
28) Bromochloromethane	4.903	49	22323	18.45	ug/l	98
29) Tetrahydrofuran	5.019	42	83111	94.44	ug/l	99
30) Chloroform	5.098	83	54654	17.55	ug/l	98
31) Cyclohexane	5.476	56	44553	17.19	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	48361	17.39	ug/l	99
36) 1,1-Dichloropropene	5.696	75	37094	16.97	ug/l	98
37) Ethyl Acetate	4.727	43	47684	18.93	ug/l	99
38) Carbon Tetrachloride	5.684	117	42241	17.24	ug/l	97
39) Methylcyclohexane	7.385	83	47170	17.40	ug/l	98
40) Benzene	6.043	78	113007	17.98	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26575	19.34	ug/l	98
42) 1,2-Dichloroethane	6.092	62	47608	18.40	ug/l	100
43) Isopropyl Acetate	6.348	43	73143	18.77	ug/l	99
44) Trichloroethene	7.129	130	31352	17.80	ug/l	99
45) 1,2-Dichloropropane	7.433	63	29495	18.05	ug/l	95
46) Dibromomethane	7.586	93	21967	18.57	ug/l	99
47) Bromodichloromethane	7.824	83	40473	18.10	ug/l	96
48) Methyl methacrylate	7.696	41	36122	19.01	ug/l	99
49) 1,4-Dioxane	7.665	88	15901	388.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	249363	96.43	ug/l	100
52) Toluene	8.720	92	73206	18.01	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	43785	17.62	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	46932	18.03	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	32310	18.81	ug/l	97
56) Ethyl methacrylate	9.122	69	47077	17.01	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53741	19.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127299	106.02	ug/l	100
59) 2-Hexanone	9.433	43	197065	86.54	ug/l	99
60) Dibromochloromethane	9.525	129	30813	16.67	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33857	18.34	ug/l	97
64) Tetrachloroethene	9.281	164	30580	17.60	ug/l	92
65) Chlorobenzene	10.079	112	80555	17.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30777	17.85	ug/l	97
67) Ethyl Benzene	10.195	91	139208	17.19	ug/l	99
68) m/p-Xylenes	10.305	106	109732	35.11	ug/l	98
69) o-Xylene	10.646	106	54638	17.82	ug/l	96
70) Styrene	10.658	104	88802	16.06	ug/l	99
71) Bromoform	10.805	173	22144	16.43	ug/l #	97
73) Isopropylbenzene	10.963	105	142391	18.21	ug/l	99
74) N-amyl acetate	10.847	43	58825	17.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49945	18.84	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	46584m	18.89	ug/l	
77) Bromobenzene	11.201	156	35394	17.62	ug/l	97
78) n-propylbenzene	11.305	91	163732	18.18	ug/l	99
79) 2-Chlorotoluene	11.366	91	101310	18.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	124607	18.79	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14149	16.18	ug/l	95
82) 4-Chlorotoluene	11.457	91	117519	18.23	ug/l	100
83) tert-Butylbenzene	11.719	119	117841	18.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	122779	18.37	ug/l	99
85) sec-Butylbenzene	11.896	105	151566	18.42	ug/l	99
86) p-Isopropyltoluene	12.012	119	128394	18.60	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68521	18.09	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	68679	17.74	ug/l	99
89) n-Butylbenzene	12.335	91	108864	17.89	ug/l	99
90) Hexachloroethane	12.542	117	18547	16.74	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	68064	18.18	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11221	18.50	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	41124	18.00	ug/l	98
94) Hexachlorobutadiene	13.731	225	19202	17.41	ug/l	100
95) Naphthalene	13.780	128	136006	16.49	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41522	18.08	ug/l	98

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

