

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024540.D
 Acq On : 05 Oct 2021 00:11
 Operator : JC/MD
 Sample : VX1004WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:04:54 PM

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Quant Time: Oct 05 03:24:27 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	167916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	276164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118339	50.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.00%			
35) Dibromofluoromethane	5.397	113	92996	50.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.38%			
50) Toluene-d8	8.653	98	343504	50.87	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.74%			
62) 4-Bromofluorobenzene	11.085	95	127089	47.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28282	16.74	ug/l	97
3) Chloromethane	1.294	50	26568	16.68	ug/l	99
4) Vinyl Chloride	1.373	62	26587	15.96	ug/l	100
5) Bromomethane	1.599	94	20701	18.46	ug/l	92
6) Chloroethane	1.684	64	17359	15.82	ug/l	98
7) Trichlorofluoromethane	1.886	101	47178	16.05	ug/l	99
8) Diethyl Ether	2.136	74	17157	17.15	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	30305	18.28	ug/l	95
10) Methyl Iodide	2.453	142	42893	18.49	ug/l	94
11) Tert butyl alcohol	2.977	59	50432	83.38	ug/l	100
12) 1,1-Dichloroethene	2.318	96	27061	17.58	ug/l	87
13) Acrolein	2.239	56	11954	99.69	ug/l	92
14) Allyl chloride	2.666	41	56005	19.90	ug/l	95
15) Acrylonitrile	3.074	53	100752	93.71	ug/l	98
16) Acetone	2.385	43	100737	94.58	ug/l	91
17) Carbon Disulfide	2.514	76	67665	17.20	ug/l	97
18) Methyl Acetate	2.709	43	70686	19.95	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	108350	18.68	ug/l	100
20) Methylene Chloride	2.794	84	36851	20.13	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	29516	16.89	ug/l	95
22) Diisopropyl ether	3.775	45	114059	19.84	ug/l	90
23) Vinyl Acetate	3.733	43	429041	92.15	ug/l	96
24) 1,1-Dichloroethane	3.611	63	59518	18.64	ug/l	97
25) 2-Butanone	4.568	43	157387	96.57	ug/l	94
26) 2,2-Dichloropropane	4.489	77	43448	15.13	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	39748	19.46	ug/l	98
28) Bromochloromethane	4.915	49	21223	14.64	ug/l	99
29) Tetrahydrofuran	5.019	42	93614	90.14	ug/l	91
30) Chloroform	5.104	83	66047	18.73	ug/l	96
31) Cyclohexane	5.482	56	54443	19.21	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	60736	19.40	ug/l	100
36) 1,1-Dichloropropene	5.696	75	45923	17.35	ug/l	100
37) Ethyl Acetate	4.727	43	54736	16.56	ug/l	95
38) Carbon Tetrachloride	5.684	117	51876	18.00	ug/l	99
39) Methylcyclohexane	7.391	83	47309	15.26	ug/l	98
40) Benzene	6.043	78	140350	18.54	ug/l	99

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41) Methacrylonitrile	4.934	41	29559	17.32	ug/l	91
42) 1,2-Dichloroethane	6.092	62	56350	17.72	ug/l	96
43) Isopropyl Acetate	6.348	43	89788	17.87	ug/l	95
44) Trichloroethene	7.129	130	33478	16.07	ug/l	97
45) 1,2-Dichloropropane	7.433	63	32905	16.85	ug/l	100
46) Dibromomethane	7.586	93	23664	16.16	ug/l	98
47) Bromodichloromethane	7.830	83	46512	17.33	ug/l	99
48) Methyl methacrylate	7.696	41	40862	16.42	ug/l	87
49) 1,4-Dioxane	7.665	88	18147	318.41	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	303886	91.60	ug/l	92
52) Toluene	8.720	92	93240	19.07	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	52482	17.25	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	51786	16.74	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	39861	19.71	ug/l	99
56) Ethyl methacrylate	9.122	69	59223	18.40	ug/l	89
57) 1,3-Dichloropropane	9.311	76	64515	18.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	130605	82.21	ug/l	98
59) 2-Hexanone	9.433	43	237792	91.02	ug/l	90
60) Dibromochloromethane	9.524	129	38210	17.45	ug/l	100
61) 1,2-Dibromoethane	9.616	107	42004	18.92	ug/l	99
64) Tetrachloroethene	9.274	164	35166	22.30	ug/l	95
65) Chlorobenzene	10.079	112	89483	18.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	33659	19.03	ug/l	99
67) Ethyl Benzene	10.195	91	157129	18.70	ug/l	100
68) m/p-Xylenes	10.305	106	128007	39.73	ug/l	98
69) o-Xylene	10.646	106	62036	19.47	ug/l	98
70) Styrene	10.658	104	103897	19.50	ug/l	98
71) Bromoform	10.805	173	24747	17.63	ug/l #	100
73) Isopropylbenzene	10.963	105	172382	19.05	ug/l	100
74) N-amyl acetate	10.847	43	72848	17.50	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	62158	19.42	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	57468m	19.77	ug/l	
77) Bromobenzene	11.201	156	45827	19.68	ug/l	92
78) n-propylbenzene	11.305	91	203691	19.26	ug/l	98
79) 2-Chlorotoluene	11.366	91	126969	19.70	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	155892	20.17	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	15454	16.02	ug/l #	87
82) 4-Chlorotoluene	11.457	91	144297	19.03	ug/l	98
83) tert-Butylbenzene	11.719	119	152048	19.62	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	154969	20.16	ug/l	100
85) sec-Butylbenzene	11.896	105	188001	19.72	ug/l	100
86) p-Isopropyltoluene	12.012	119	155475	19.12	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	82850	18.68	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	84392	18.42	ug/l	98
89) n-Butylbenzene	12.335	91	129748	18.02	ug/l	98
90) Hexachloroethane	12.542	117	21373	15.99	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	85143	19.42	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12889	16.68	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	45651	16.36	ug/l	99
94) Hexachlorobutadiene	13.725	225	20787	16.28	ug/l	98
95) Naphthalene	13.780	128	175677	19.66	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52135	18.23	ug/l	99

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

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