

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024816.D
 Acq On : 14 Oct 2021 16:05
 Operator : JC/MD
 Sample : VX1014WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Manual Integrations
 APPROVED

apatel
 10/15/2021 1:19:27 PM

Quant Time: Oct 15 00:02:11 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	163408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119561	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99924	49.75	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.50%
35) Dibromofluoromethane	5.397	113	77197	50.05	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.10%
50) Toluene-d8	8.653	98	288349	50.53	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.06%
62) 4-Bromofluorobenzene	11.085	95	107651	47.97	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.94%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	31076	17.85	ug/l 100
3) Chloromethane	1.295	50	26719	17.63	ug/l 95
4) Vinyl Chloride	1.374	62	28099	17.89	ug/l 100
5) Bromomethane	1.599	94	19879	21.71	ug/l 98
6) Chloroethane	1.685	64	17288	17.89	ug/l 97
7) Trichlorofluoromethane	1.886	101	46684	17.40	ug/l 98
8) Diethyl Ether	2.136	74	15436	17.52	ug/l 94
9) 1,1,2-Trichlorotrifluo...	2.331	101	27119	17.19	ug/l 99
10) Methyl Iodide	2.453	142	31566	16.48	ug/l 98
11) Tert butyl alcohol	2.977	59	39581	93.50	ug/l 99
12) 1,1-Dichloroethene	2.319	96	23828	16.71	ug/l 93
13) Acrolein	2.239	56	17249	98.12	ug/l 99
14) Allyl chloride	2.666	41	46094	17.90	ug/l 99
15) Acrylonitrile	3.069	53	88444	93.70	ug/l 99
16) Acetone	2.386	43	89442	74.31	ug/l 98
17) Carbon Disulfide	2.514	76	59190	15.89	ug/l 98
18) Methyl Acetate	2.709	43	62139	18.74	ug/l 99
19) Methyl tert-butyl Ether	3.123	73	96195	18.27	ug/l 96
20) Methylene Chloride	2.794	84	30911	18.15	ug/l 97
21) trans-1,2-Dichloroethene	3.093	96	27512	17.29	ug/l 93
22) Diisopropyl ether	3.770	45	95016	18.28	ug/l 96
23) Vinyl Acetate	3.733	43	361768	90.63	ug/l 99
24) 1,1-Dichloroethane	3.617	63	53526	17.90	ug/l 98
25) 2-Butanone	4.568	43	129884	90.87	ug/l 100
26) 2,2-Dichloropropane	4.483	77	45391	17.46	ug/l 99
27) cis-1,2-Dichloroethene	4.501	96	32379	17.75	ug/l 99
28) Bromochloromethane	4.904	49	22535	18.04	ug/l 98
29) Tetrahydrofuran	5.019	42	83442	91.86	ug/l 98
30) Chloroform	5.099	83	57256	17.81	ug/l 97
31) Cyclohexane	5.483	56	45955	17.18	ug/l 95
32) 1,1,1-Trichloroethane	5.391	97	51510	17.95	ug/l 99
36) 1,1-Dichloropropene	5.696	75	39287	17.13	ug/l 97
37) Ethyl Acetate	4.727	43	48417	18.33	ug/l 99
38) Carbon Tetrachloride	5.684	117	45351	17.65	ug/l 99
39) Methylcyclohexane	7.385	83	48016	16.89	ug/l 97
40) Benzene	6.044	78	119027	18.06	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26740	18.55	ug/l	98
42) 1,2-Dichloroethane	6.099	62	47364	17.45	ug/l	98
43) Isopropyl Acetate	6.355	43	73129	17.90	ug/l	99
44) Trichloroethene	7.129	130	32338	17.50	ug/l	98
45) 1,2-Dichloropropane	7.440	63	30890	18.02	ug/l	98
46) Dibromomethane	7.586	93	21640	17.44	ug/l	98
47) Bromodichloromethane	7.830	83	41445	17.67	ug/l	96
48) Methyl methacrylate	7.702	41	35581	17.85	ug/l	98
49) 1,4-Dioxane	7.671	88	16461	383.27	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	247675	91.31	ug/l	99
52) Toluene	8.720	92	76330	17.90	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44778	17.18	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	47125	17.26	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	32236	17.89	ug/l	97
56) Ethyl methacrylate	9.122	69	46978	16.21	ug/l	99
57) 1,3-Dichloropropane	9.311	76	53692	18.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	125055	99.29	ug/l	99
59) 2-Hexanone	9.433	43	196077	81.61	ug/l	100
60) Dibromochloromethane	9.525	129	31772	16.40	ug/l	99
61) 1,2-Dibromoethane	9.616	107	33715	17.41	ug/l	98
64) Tetrachloroethene	9.275	164	31666	17.89	ug/l	97
65) Chlorobenzene	10.086	112	83248	17.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	30738	17.50	ug/l	99
67) Ethyl Benzene	10.195	91	146816	17.79	ug/l	100
68) m/p-Xylenes	10.305	106	112416	35.31	ug/l	97
69) o-Xylene	10.647	106	56339	18.04	ug/l	96
70) Styrene	10.659	104	90890	16.14	ug/l	98
71) Bromoform	10.805	173	22360	16.30	ug/l #	99
73) Isopropylbenzene	10.964	105	147048	18.59	ug/l	100
74) N-amyl acetate	10.848	43	58980	17.80	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49698	18.53	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	46487m	18.64	ug/l	
77) Bromobenzene	11.201	156	35889	17.66	ug/l	97
78) n-propylbenzene	11.305	91	168610	18.51	ug/l	99
79) 2-Chlorotoluene	11.366	91	102973	18.35	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	125504	18.71	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	14624	16.51	ug/l	96
82) 4-Chlorotoluene	11.457	91	118970	18.25	ug/l	98
83) tert-Butylbenzene	11.719	119	122383	18.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	127881	18.91	ug/l	99
85) sec-Butylbenzene	11.896	105	154105	18.52	ug/l	99
86) p-Isopropyltoluene	12.012	119	128191	18.35	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66613	17.39	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	68290	17.44	ug/l	99
89) n-Butylbenzene	12.335	91	108947	17.70	ug/l	99
90) Hexachloroethane	12.543	117	19020	16.97	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	67989	17.96	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11217	18.28	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	39323	17.02	ug/l	99
94) Hexachlorobutadiene	13.725	225	18489	16.57	ug/l	98
95) Naphthalene	13.780	128	134479	16.13	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42213	18.18	ug/l	100

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

