

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101621\
 Data File : VX024833.D
 Acq On : 15 Oct 2021 17:09
 Operator : JC/MD
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:39:31 PM

Quant Time: Oct 18 01:43:49 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	171431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104499	49.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.391	113	80463	51.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.700%
50) Toluene-d8	8.653	98	298982	51.580	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.160%
62) 4-Bromofluorobenzene	11.085	95	114801	50.357	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31961	17.503	ug/l	99
3) Chloromethane	1.294	50	27560	17.331	ug/l	100
4) Vinyl Chloride	1.374	62	28052	17.026	ug/l	100
5) Bromomethane	1.599	94	19408	19.844	ug/l	99
6) Chloroethane	1.685	64	17286	17.051	ug/l	98
7) Trichlorofluoromethane	1.886	101	48130	17.098	ug/l	99
8) Diethyl Ether	2.136	74	15463	16.730	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	29113	17.587	ug/l	98
10) Methyl Iodide	2.453	142	31322	15.637	ug/l	99
11) Tert butyl alcohol	2.971	59	41531	93.512	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25215	16.858	ug/l	99
13) Acrolein	2.239	56	18410	99.826	ug/l	100
14) Allyl chloride	2.666	41	47575	17.612	ug/l	99
15) Acrylonitrile	3.068	53	90462	91.351	ug/l	99
16) Acetone	2.386	43	95561	76.137	ug/l	98
17) Carbon Disulfide	2.514	76	61942	15.852	ug/l	98
18) Methyl Acetate	2.709	43	62954	18.100	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	96415	17.455	ug/l	97
20) Methylene Chloride	2.794	84	31632	17.702	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	28399	17.015	ug/l	93
22) Diisopropyl ether	3.770	45	98248	18.018	ug/l	95
23) Vinyl Acetate	3.727	43	373498	89.192	ug/l	100
24) 1,1-Dichloroethane	3.617	63	54646	17.420	ug/l	98
25) 2-Butanone	4.568	43	136103	90.762	ug/l	99
26) 2,2-Dichloropropane	4.489	77	47143	17.282	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	32974	17.232	ug/l	99
28) Bromochloromethane	4.910	49	24443	18.657	ug/l	97
29) Tetrahydrofuran	5.019	42	86365	90.633	ug/l	99
30) Chloroform	5.099	83	59008	17.500	ug/l	98
31) Cyclohexane	5.477	56	47441	16.901	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	52581	17.467	ug/l	98
36) 1,1-Dichloropropene	5.702	75	41645	17.876	ug/l	99
37) Ethyl Acetate	4.727	43	49573	18.471	ug/l	99
38) Carbon Tetrachloride	5.684	117	45145	17.297	ug/l	98
39) Methylcyclohexane	7.385	83	51423	17.806	ug/l	99
40) Benzene	6.044	78	120838	18.048	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	26691	18.228	ug/l	98
42) 1,2-Dichloroethane	6.092	62	49349	17.902	ug/l	99
43) Isopropyl Acetate	6.348	43	75512	18.191	ug/l	98
44) Trichloroethene	7.135	130	33372	17.781	ug/l	95
45) 1,2-Dichloropropane	7.434	63	31336	17.995	ug/l	92
46) Dibromomethane	7.586	93	22898	18.168	ug/l	97
47) Bromodichloromethane	7.830	83	41857	17.566	ug/l	99
48) Methyl methacrylate	7.696	41	36816	18.186	ug/l	100
49) 1,4-Dioxane	7.665	88	17423	399.332	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	258752	93.909	ug/l	99
52) Toluene	8.720	92	77430	17.873	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	45805	17.299	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	50269	18.121	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32467	17.736	ug/l	99
56) Ethyl methacrylate	9.122	69	48719	16.536	ug/l	98
57) 1,3-Dichloropropane	9.311	76	54291	18.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	121637	95.073	ug/l	100
59) 2-Hexanone	9.433	43	204334	83.961	ug/l	99
60) Dibromochloromethane	9.525	129	31954	16.248	ug/l	97
61) 1,2-Dibromoethane	9.610	107	35211	17.896	ug/l	99
64) Tetrachloroethene	9.275	164	33820	18.631	ug/l	100
65) Chlorobenzene	10.079	112	86597	17.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32457	18.014	ug/l	99
67) Ethyl Benzene	10.195	91	153130	18.093	ug/l	98
68) m/p-Xylenes	10.305	106	119493	36.595	ug/l	99
69) o-Xylene	10.646	106	57895	18.068	ug/l	99
70) Styrene	10.659	104	95800	16.586	ug/l	99
71) Bromoform	10.805	173	23034	16.366	ug/l #	99
73) Isopropylbenzene	10.963	105	156098	18.803	ug/l	99
74) N-amyl acetate	10.848	43	60911	17.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	52093	18.502	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	48186m	18.402	ug/l	
77) Bromobenzene	11.201	156	38151	17.886	ug/l	99
78) n-propylbenzene	11.305	91	177387	18.547	ug/l	98
79) 2-Chlorotoluene	11.366	91	109247	18.548	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	134766	19.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	15241	16.397	ug/l	95
82) 4-Chlorotoluene	11.457	91	126493	18.480	ug/l	99
83) tert-Butylbenzene	11.719	119	128673	18.855	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	134047	18.883	ug/l	99
85) sec-Butylbenzene	11.896	105	164502	18.830	ug/l	100
86) p-Isopropyltoluene	12.012	119	138719	18.920	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	72154	17.943	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	74352	18.091	ug/l	98
89) n-Butylbenzene	12.335	91	119923	18.564	ug/l	99
90) Hexachloroethane	12.542	117	20828	17.705	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	71408	17.964	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11874	18.433	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	42578	17.551	ug/l	98
94) Hexachlorobutadiene	13.725	225	21046	17.969	ug/l	98
95) Naphthalene	13.780	128	141849	16.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43402	17.803	ug/l	98

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

