

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018969.D
 Acq On : 19 Oct 2020 22:31
 Operator : JC/SP
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:48 PM

Quant Time: Oct 20 09:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 18:41:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	84962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	155998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	140007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	65840	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	59922	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	5.46	113	48851	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.70	98	188470	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	63611	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	15560	20.380	ug/l	98
3) Chloromethane	1.31	50	17029	20.467	ug/l	98
4) Vinyl Chloride	1.39	62	24573	22.027	ug/l	94
5) Bromomethane	1.63	94	23643	25.432	ug/l	100
6) Chloroethane	1.71	64	18082	22.462	ug/l	97
7) Trichlorofluoromethane	1.92	101	40350	21.434	ug/l	99
8) Diethyl Ether	2.17	74	16625	22.283	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	20108	19.398	ug/l	96
10) Methyl Iodide	2.49	142	17336	17.765	ug/l	98
11) Tert butyl alcohol	3.01	59	27422	108.498	ug/l	100
12) 1,1-Dichloroethene	2.36	96	22906	20.701	ug/l	99
13) Acrolein	2.28	56	15586	93.683	ug/l	98
14) Allyl chloride	2.71	41	25787	19.312	ug/l	98
15) Acrylonitrile	3.12	53	48332	103.821	ug/l	98
16) Acetone	2.42	43	43193	99.909	ug/l	97
17) Carbon Disulfide	2.55	76	48208	19.178	ug/l	98
18) Methyl Acetate	2.75	43	22574	22.670	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	57453	20.163	ug/l	99
20) Methylene Chloride	2.83	84	20088	19.932	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	19889	19.619	ug/l	100
22) Diisopropyl ether	3.82	45	50968	20.638	ug/l	# 86
23) Vinyl Acetate	3.79	43	250712	105.151	ug/l	100
24) 1,1-Dichloroethane	3.67	63	35150	20.765	ug/l	99
25) 2-Butanone	4.64	43	73351	106.947	ug/l	96
26) 2,2-Dichloropropane	4.55	77	28501	17.976	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	23128	19.665	ug/l	97
28) Bromochloromethane	4.98	49	15039	21.100	ug/l	97
29) Tetrahydrofuran	5.09	42	41706	103.485	ug/l	99
30) Chloroform	5.18	83	37357	20.405	ug/l	95
31) Cyclohexane	5.55	56	27238	20.357	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	33623	20.333	ug/l	98
36) 1,1-Dichloropropene	5.77	75	28005	18.883	ug/l	100
37) Ethyl Acetate	4.79	43	28248	19.278	ug/l	99
38) Carbon Tetrachloride	5.76	117	28490	18.626	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	29478	18.491	ug/l	96
40) Benzene	6.11	78	84450	19.785	ug/l	100
41) Methacrylonitrile	5.01	41	14854	19.592	ug/l	98
42) 1,2-Dichloroethane	6.16	62	30147	20.594	ug/l	99
43) Isopropyl Acetate	6.42	43	47413	20.080	ug/l	99
44) Trichloroethene	7.19	130	21826	18.510	ug/l	100
45) 1,2-Dichloropropane	7.49	63	21238	20.117	ug/l	99
46) Dibromomethane	7.63	93	14626	19.371	ug/l	100
47) Bromodichloromethane	7.87	83	29907	19.603	ug/l	99
48) Methyl methacrylate	7.74	41	21935	20.035	ug/l	98
49) 1,4-Dioxane	7.71	88	9754	388.810	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	142707	104.013	ug/l	98
52) Toluene	8.76	92	53292	19.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	32442	18.715	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	35020	19.143	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	21372	19.739	ug/l	96
56) Ethyl methacrylate	9.16	69	33156	19.948	ug/l	97
57) 1,3-Dichloropropane	9.35	76	36299	19.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	86972	94.787	ug/l	100
59) 2-Hexanone	9.47	43	107275	102.854	ug/l	98
60) Dibromochloromethane	9.56	129	22570	18.833	ug/l	97
61) 1,2-Dibromoethane	9.65	107	22765	19.407	ug/l	99
64) Tetrachloroethene	9.32	164	18347	18.547	ug/l	97
65) Chlorobenzene	10.12	112	55208	18.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	19867	18.484	ug/l	97
67) Ethyl Benzene	10.23	91	97992	19.266	ug/l	99
68) m/p-Xylenes	10.34	106	74524	37.804	ug/l	97
69) o-Xylene	10.68	106	35522	18.675	ug/l	93
70) Styrene	10.70	104	60563	18.932	ug/l	98
71) Bromoform	10.84	173	14500	17.057	ug/l #	95
73) Isopropylbenzene	11.00	105	94951	19.903	ug/l	96
74) N-amyl acetate	10.88	43	36363	20.306	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	31277	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	29080m	20.322	ug/l	
77) Bromobenzene	11.24	156	21712	18.781	ug/l	91
78) n-propylbenzene	11.34	91	108267	19.851	ug/l	98
79) 2-Chlorotoluene	11.40	91	62528	19.642	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	78765	19.782	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	10567	18.601	ug/l	93
82) 4-Chlorotoluene	11.49	91	74587	19.496	ug/l	98
83) tert-Butylbenzene	11.76	119	77208	19.428	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	78085	19.630	ug/l	99
85) sec-Butylbenzene	11.93	105	89950	19.248	ug/l	99
86) p-Isopropyltoluene	12.05	119	82699	19.350	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	40141	18.501	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	40320	17.876	ug/l	96
89) n-Butylbenzene	12.37	91	74848	19.215	ug/l	97
90) Hexachloroethane	12.58	117	12941	18.553	ug/l	92
91) 1,2-Dichlorobenzene	12.37	146	39058	18.724	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	7545	21.351	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	24376	16.871	ug/l	93
94) Hexachlorobutadiene	13.76	225	10545	17.549	ug/l	97
95) Naphthalene	13.82	128	94207	19.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	24664	17.636	ug/l	96

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

