

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019095.D
 Acq On : 23 Oct 2020 23:36
 Operator : JC/SP
 Sample : VX1023WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:02:46 AM

Quant Time: Oct 26 05:55:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	215727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	125950	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.46	113	109048	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	8.70	98	411736	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.12	95	145962	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	41968	19.531	ug/l 98
3) Chloromethane	1.31	50	37933	17.755	ug/l 99
4) Vinyl Chloride	1.39	62	47895	18.999	ug/l 99
5) Bromomethane	1.64	94	46067	16.271	ug/l 98
6) Chloroethane	1.72	64	31386	16.292	ug/l 95
7) Trichlorofluoromethane	1.92	101	80559	18.910	ug/l 97
8) Diethyl Ether	2.17	74	30923	18.537	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39424	19.534	ug/l 99
10) Methyl Iodide	2.49	142	36897	16.498	ug/l 99
11) Tert butyl alcohol	3.02	59	49449	94.484	ug/l 99
12) 1,1-Dichloroethene	2.36	96	39310	18.721	ug/l 99
13) Acrolein	2.28	56	18732	103.369	ug/l 97
14) Allyl chloride	2.71	41	49433	18.198	ug/l 99
15) Acrylonitrile	3.12	53	95854	94.714	ug/l 99
16) Acetone	2.42	43	81324	92.397	ug/l 98
17) Carbon Disulfide	2.55	76	101824	16.815	ug/l 100
18) Methyl Acetate	2.75	43	43648	19.984	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	125710	18.900	ug/l 98
20) Methylene Chloride	2.84	84	46472	18.966	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	44829	18.297	ug/l 99
22) Diisopropyl ether	3.82	45	101454	18.941	ug/l 97
23) Vinyl Acetate	3.78	43	474556	93.305	ug/l 100
24) 1,1-Dichloroethane	3.67	63	73982	18.966	ug/l 99
25) 2-Butanone	4.64	43	131902	94.844	ug/l 100
26) 2,2-Dichloropropane	4.55	77	59853	16.618	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	52856	19.009	ug/l 98
28) Bromochloromethane	4.98	49	31951	19.290	ug/l 99
29) Tetrahydrofuran	5.09	42	76279	91.766	ug/l 99
30) Chloroform	5.18	83	82146	19.397	ug/l 97
31) Cyclohexane	5.55	56	55558	18.360	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	72692	18.926	ug/l 99
36) 1,1-Dichloropropene	5.77	75	59864	17.976	ug/l 100
37) Ethyl Acetate	4.79	43	52735	18.553	ug/l 98
38) Carbon Tetrachloride	5.76	117	61429	17.574	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	64934	17.404	ug/l	98
40) Benzene	6.12	78	182342	18.592	ug/l	99
41) Methacrylonitrile	5.00	41	27025	17.700	ug/l	98
42) 1,2-Dichloroethane	6.16	62	63914	19.095	ug/l	100
43) Isopropyl Acetate	6.41	43	86994	18.072	ug/l	99
44) Trichloroethene	7.19	130	51344	17.951	ug/l	99
45) 1,2-Dichloropropane	7.49	63	44144	18.764	ug/l	97
46) Dibromomethane	7.64	93	32609	18.199	ug/l	99
47) Bromodichloromethane	7.88	83	63794	18.158	ug/l	99
48) Methyl methacrylate	7.74	41	40924	17.254	ug/l	98
49) 1,4-Dioxane	7.73	88	19079	356.006	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	265589	93.630	ug/l	100
52) Toluene	8.76	92	118771	18.335	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	67598	17.038	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	74249	17.722	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	48087	18.209	ug/l	98
56) Ethyl methacrylate	9.16	69	69138	18.198	ug/l	99
57) 1,3-Dichloropropane	9.35	76	77819	18.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	174781	87.574	ug/l	100
59) 2-Hexanone	9.47	43	200330	94.769	ug/l	99
60) Dibromochloromethane	9.57	129	49937	17.349	ug/l	97
61) 1,2-Dibromoethane	9.65	107	50225	17.776	ug/l	98
64) Tetrachloroethene	9.32	164	47210	18.395	ug/l	93
65) Chlorobenzene	10.12	112	130832	18.503	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	45975	18.288	ug/l	97
67) Ethyl Benzene	10.23	91	228686	18.763	ug/l	99
68) m/p-Xylenes	10.34	106	172117	36.865	ug/l	98
69) o-Xylene	10.68	106	83470	18.680	ug/l	99
70) Styrene	10.70	104	138050	18.197	ug/l	99
71) Bromoform	10.84	173	35163	17.327	ug/l #	100
73) Isopropylbenzene	11.00	105	224164	18.667	ug/l	100
74) N-amyl acetate	10.88	43	70536	18.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71044	19.638	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	63710m	19.095	ug/l	
77) Bromobenzene	11.24	156	55854	18.417	ug/l	99
78) n-propylbenzene	11.34	91	250978	18.444	ug/l	100
79) 2-Chlorotoluene	11.40	91	147725	18.609	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	185466	18.703	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	20770	15.860	ug/l	96
82) 4-Chlorotoluene	11.49	91	173769	18.397	ug/l	100
83) tert-Butylbenzene	11.76	119	181621	18.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	183558	18.485	ug/l	99
85) sec-Butylbenzene	11.93	105	215930	18.266	ug/l	99
86) p-Isopropyltoluene	12.05	119	199756	18.494	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	102237	18.377	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	104107	18.235	ug/l	100
89) n-Butylbenzene	12.37	91	175494	17.750	ug/l	99
90) Hexachloroethane	12.58	117	28096	16.991	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	99957	19.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15241	18.502	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	66686	17.573	ug/l	97
94) Hexachlorobutadiene	13.77	225	28646	16.282	ug/l	96
95) Naphthalene	13.82	128	223926	18.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	67884	18.377	ug/l	98

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

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