

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019192.D
 Acq On : 29 Oct 2020 16:56
 Operator : JC/MD
 Sample : VX1031WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:46 PM

Quant Time: Oct 30 04:12:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	412174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	376366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163495	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.46	113	127245	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.70	98	485570	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	185892	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	39767	18.913	ug/l 100
3) Chloromethane	1.31	50	45895	19.537	ug/l 100
4) Vinyl Chloride	1.39	62	52545	19.288	ug/l 99
5) Bromomethane	1.64	94	38370	20.624	ug/l 99
6) Chloroethane	1.71	64	35024	20.136	ug/l 97
7) Trichlorofluoromethane	1.92	101	83759	19.570	ug/l 95
8) Diethyl Ether	2.17	74	34118	20.771	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46366	19.545	ug/l 98
10) Methyl Iodide	2.49	142	53969	23.194	ug/l 99
11) Tert butyl alcohol	3.01	59	65342	101.707	ug/l 99
12) 1,1-Dichloroethene	2.36	96	45471	18.601	ug/l 99
13) Acrolein	2.27	56	24686	89.648	ug/l 97
14) Allyl chloride	2.71	41	72494	19.579	ug/l 99
15) Acrylonitrile	3.11	53	138038	102.249	ug/l 99
16) Acetone	2.42	43	116164	103.522	ug/l 98
17) Carbon Disulfide	2.55	76	123340	18.191	ug/l 99
18) Methyl Acetate	2.75	43	55916	20.492	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	170761	20.161	ug/l 100
20) Methylene Chloride	2.83	84	54040	19.183	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	52119	18.525	ug/l 97
22) Diisopropyl ether	3.82	45	154414	20.919	ug/l 89
23) Vinyl Acetate	3.78	43	687138	104.386	ug/l 98
24) 1,1-Dichloroethane	3.67	63	90495	19.635	ug/l 100
25) 2-Butanone	4.63	43	183803	103.933	ug/l 100
26) 2,2-Dichloropropane	4.54	77	84364	19.471	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	60061	19.104	ug/l 98
28) Bromochloromethane	4.98	49	40631	19.392	ug/l 94
29) Tetrahydrofuran	5.09	42	119309	107.054	ug/l 97
30) Chloroform	5.17	83	96432	19.657	ug/l 100
31) Cyclohexane	5.55	56	79912	19.436	ug/l 95
32) 1,1,1-Trichloroethane	5.46	97	87120	19.588	ug/l 98
36) 1,1-Dichloropropene	5.77	75	73327	19.266	ug/l 100
37) Ethyl Acetate	4.79	43	73988	20.937	ug/l 99
38) Carbon Tetrachloride	5.75	117	73272	18.887	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	88578	19.463	ug/l	97
40) Benzene	6.11	78	213855	19.817	ug/l	100
41) Methacrylonitrile	5.00	41	38096	20.018	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80671	20.283	ug/l	100
43) Isopropyl Acetate	6.41	43	120967	20.443	ug/l	99
44) Trichloroethene	7.18	130	58564	18.949	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54141	20.483	ug/l	99
46) Dibromomethane	7.63	93	38374	19.633	ug/l	97
47) Bromodichloromethane	7.87	83	76074	19.746	ug/l	98
48) Methyl methacrylate	7.74	41	59356	20.841	ug/l	96
49) 1,4-Dioxane	7.72	88	25756	406.652	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	361441	106.277	ug/l	99
52) Toluene	8.76	92	137247	19.747	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83559	18.989	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	90700	19.601	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55862	20.342	ug/l	98
56) Ethyl methacrylate	9.16	69	84050	20.263	ug/l	98
57) 1,3-Dichloropropane	9.35	76	94197	20.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	222115	95.746	ug/l	98
59) 2-Hexanone	9.47	43	275988	106.608	ug/l	98
60) Dibromochloromethane	9.56	129	57624	19.335	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58308	19.855	ug/l	99
64) Tetrachloroethene	9.32	164	53955	18.816	ug/l	98
65) Chlorobenzene	10.12	112	147399	19.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	53436	19.296	ug/l	100
67) Ethyl Benzene	10.23	91	263324	19.210	ug/l	100
68) m/p-Xylenes	10.34	106	197508	38.391	ug/l	98
69) o-Xylene	10.68	106	93771	19.217	ug/l	98
70) Styrene	10.70	104	158438	19.030	ug/l	99
71) Bromoform	10.84	173	40089	18.258	ug/l #	99
73) Isopropylbenzene	11.00	105	258648	19.732	ug/l	99
74) N-amyl acetate	10.88	43	100089	20.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82799	20.212	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80543m	21.065	ug/l	
77) Bromobenzene	11.24	156	61514	18.908	ug/l	93
78) n-propylbenzene	11.34	91	293765	19.632	ug/l	99
79) 2-Chlorotoluene	11.40	91	175958	19.974	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	218042	19.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27289	18.792	ug/l	96
82) 4-Chlorotoluene	11.49	91	208522	19.384	ug/l	99
83) tert-Butylbenzene	11.76	119	207507	19.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	218461	19.541	ug/l	100
85) sec-Butylbenzene	11.93	105	251517	19.778	ug/l	100
86) p-Isopropyltoluene	12.05	119	232956	19.847	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	115868	19.125	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	116238	18.431	ug/l	98
89) n-Butylbenzene	12.37	91	211760	19.193	ug/l	100
90) Hexachloroethane	12.58	117	37929	19.011	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	111942	19.242	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18696	18.643	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	76089	17.413	ug/l	98
94) Hexachlorobutadiene	13.76	225	33601	17.468	ug/l	97
95) Naphthalene	13.82	128	251027	18.240	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74768	17.638	ug/l	99

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

