

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019094.D
 Acq On : 23 Oct 2020 23:13
 Operator : JC/SP
 Sample : VX1023WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:02:42 AM

Quant Time: Oct 26 05:49:36 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	5.63	168	216408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127349	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	110895	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.70	98	423792	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	147829	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41737	19.362	ug/l	99
3) Chloromethane	1.31	50	38319	17.879	ug/l	100
4) Vinyl Chloride	1.39	62	47976	18.971	ug/l	99
5) Bromomethane	1.64	94	46167	16.249	ug/l	97
6) Chloroethane	1.72	64	32038	16.573	ug/l	97
7) Trichlorofluoromethane	1.92	101	80346	18.800	ug/l	97
8) Diethyl Ether	2.17	74	31176	18.630	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39087	19.306	ug/l	100
10) Methyl Iodide	2.50	142	34174	15.598	ug/l	99
11) Tert butyl alcohol	3.02	59	47712	90.878	ug/l	97
12) 1,1-Dichloroethene	2.36	96	39522	18.763	ug/l	99
13) Acrolein	2.28	56	19448	106.506	ug/l	97
14) Allyl chloride	2.71	41	49655	18.223	ug/l	98
15) Acrylonitrile	3.12	53	94892	93.468	ug/l	100
16) Acetone	2.42	43	79564	90.113	ug/l	99
17) Carbon Disulfide	2.55	76	102548	16.881	ug/l	99
18) Methyl Acetate	2.75	43	42966	19.610	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	126303	18.930	ug/l	99
20) Methylene Chloride	2.84	84	46168	18.782	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	44954	18.290	ug/l	99
22) Diisopropyl ether	3.82	45	100562	18.715	ug/l	99
23) Vinyl Acetate	3.78	43	477479	93.584	ug/l	100
24) 1,1-Dichloroethane	3.67	63	74588	19.061	ug/l	99
25) 2-Butanone	4.64	43	130340	93.426	ug/l	98
26) 2,2-Dichloropropane	4.55	77	61009	16.886	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52613	18.862	ug/l	98
28) Bromochloromethane	4.98	49	30304	18.238	ug/l	98
29) Tetrahydrofuran	5.09	42	75052	90.005	ug/l	99
30) Chloroform	5.18	83	82839	19.499	ug/l	97
31) Cyclohexane	5.55	56	55412	18.254	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	73629	19.109	ug/l	98
36) 1,1-Dichloropropene	5.77	75	59582	17.961	ug/l	100
37) Ethyl Acetate	4.79	43	51599	18.224	ug/l	98
38) Carbon Tetrachloride	5.76	117	62189	17.861	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	64834	17.445	ug/l	98
40) Benzene	6.11	78	182437	18.673	ug/l	100
41) Methacrylonitrile	5.00	41	27266	17.927	ug/l	99
42) 1,2-Dichloroethane	6.16	62	64071	19.216	ug/l	100
43) Isopropyl Acetate	6.41	43	86261	17.989	ug/l	99
44) Trichloroethene	7.18	130	52380	18.384	ug/l	98
45) 1,2-Dichloropropane	7.49	63	43460	18.545	ug/l	98
46) Dibromomethane	7.63	93	32909	18.437	ug/l	99
47) Bromodichloromethane	7.87	83	63662	18.191	ug/l	98
48) Methyl methacrylate	7.74	41	41366	17.508	ug/l	99
49) 1,4-Dioxane	7.73	88	19206	359.764	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	263296	93.181	ug/l	100
52) Toluene	8.76	92	120245	18.634	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	68403	17.308	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	73595	17.634	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	48193	18.320	ug/l	99
56) Ethyl methacrylate	9.16	69	68249	18.033	ug/l	97
57) 1,3-Dichloropropane	9.35	76	78823	18.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	176466	88.761	ug/l	100
59) 2-Hexanone	9.47	43	194648	92.438	ug/l	99
60) Dibromochloromethane	9.57	129	50626	17.657	ug/l	100
61) 1,2-Dibromoethane	9.65	107	50796	18.047	ug/l	99
64) Tetrachloroethene	9.32	164	48244	18.789	ug/l	93
65) Chlorobenzene	10.12	112	128606	18.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	47061	18.712	ug/l	100
67) Ethyl Benzene	10.23	91	226886	18.607	ug/l	98
68) m/p-Xylenes	10.34	106	171222	36.657	ug/l	98
69) o-Xylene	10.68	106	82398	18.432	ug/l	99
70) Styrene	10.70	104	137877	18.166	ug/l	100
71) Bromoform	10.84	173	34432	16.959	ug/l #	99
73) Isopropylbenzene	11.00	105	226284	18.647	ug/l	99
74) N-amyl acetate	10.88	43	70496	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	69622	19.044	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	63465m	18.823	ug/l	
77) Bromobenzene	11.24	156	54559	17.802	ug/l	99
78) n-propylbenzene	11.34	91	250375	18.208	ug/l	99
79) 2-Chlorotoluene	11.40	91	145644	18.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	181431	18.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	20744	15.675	ug/l	95
82) 4-Chlorotoluene	11.49	91	173648	18.192	ug/l	99
83) tert-Butylbenzene	11.76	119	180145	18.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	186029	18.539	ug/l	100
85) sec-Butylbenzene	11.93	105	215870	18.070	ug/l	99
86) p-Isopropyltoluene	12.05	119	201174	18.430	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	100976	17.961	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	102215	17.716	ug/l	99
89) n-Butylbenzene	12.37	91	175043	17.519	ug/l	99
90) Hexachloroethane	12.58	117	28975	17.339	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	98154	18.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15119	18.162	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67788	17.676	ug/l	99
94) Hexachlorobutadiene	13.76	225	28640	16.109	ug/l	95
95) Naphthalene	13.82	128	222831	18.467	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	66033	17.690	ug/l	98

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

