

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
 Data File : VX017371.D
 Acq On : 14 Jul 2020 12:11
 Operator : JC/SP
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:17 AM

Quant Time: Jul 15 01:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	447264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181750	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	5.46	113	147837	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.70	98	535699	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	201870	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	54457	21.421	ug/l	98
3) Chloromethane	1.32	50	53811	18.801	ug/l	97
4) Vinyl Chloride	1.39	62	55393	19.564	ug/l	96
5) Bromomethane	1.63	94	40017	21.711	ug/l	98
6) Chloroethane	1.71	64	35835	20.051	ug/l	100
7) Trichlorofluoromethane	1.92	101	93181	19.499	ug/l	90
8) Diethyl Ether	2.17	74	32498	19.238	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52729	19.369	ug/l	99
10) Methyl Iodide	2.49	142	58432	17.800	ug/l	99
11) Tert butyl alcohol	3.01	59	61719	97.148	ug/l	99
12) 1,1-Dichloroethene	2.35	96	50273	18.387	ug/l	95
13) Acrolein	2.27	56	27296	78.378	ug/l	99
14) Allyl chloride	2.71	41	91401	19.293	ug/l	99
15) Acrylonitrile	3.12	53	151629	98.455	ug/l	100
16) Acetone	2.42	43	125992	93.657	ug/l	98
17) Carbon Disulfide	2.55	76	155537	19.501	ug/l	99
18) Methyl Acetate	2.75	43	64803	19.503	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	181168	19.515	ug/l	97
20) Methylene Chloride	2.84	84	61768	18.819	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	61044	19.514	ug/l	96
22) Diisopropyl ether	3.82	45	184672	20.464	ug/l	97
23) Vinyl Acetate	3.79	43	805219	101.457	ug/l	100
24) 1,1-Dichloroethane	3.67	63	106281	20.040	ug/l	98
25) 2-Butanone	4.64	43	206175	96.494	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93584	18.960	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	67052	19.546	ug/l	98
28) Bromochloromethane	4.98	49	48088	19.628	ug/l	99
29) Tetrahydrofuran	5.09	42	135018	97.620	ug/l	99
30) Chloroform	5.18	83	110112	19.297	ug/l	95
31) Cyclohexane	5.55	56	87439	20.139	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	103551	19.631	ug/l	99
36) 1,1-Dichloropropene	5.77	75	80614	19.595	ug/l	100
37) Ethyl Acetate	4.79	43	81709	19.205	ug/l	98
38) Carbon Tetrachloride	5.76	117	95156	19.755	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86277	19.312	ug/l	98
40) Benzene	6.12	78	234901	19.868	ug/l	98
41) Methacrylonitrile	5.01	41	44061	19.291	ug/l	98
42) 1,2-Dichloroethane	6.16	62	89791	19.547	ug/l	100
43) Isopropyl Acetate	6.41	43	129540	19.054	ug/l	99
44) Trichloroethene	7.19	130	69990	19.380	ug/l	92
45) 1,2-Dichloropropane	7.49	63	61229	20.239	ug/l	95
46) Dibromomethane	7.64	93	43736	20.045	ug/l	97
47) Bromodichloromethane	7.88	83	90731	19.891	ug/l	99
48) Methyl methacrylate	7.74	41	62147	19.050	ug/l	97
49) 1,4-Dioxane	7.71	88	26719	400.211	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	415062	100.128	ug/l	99
52) Toluene	8.76	92	149479	19.701	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	93113	18.948	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	100568	19.187	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62265	19.680	ug/l	96
56) Ethyl methacrylate	9.16	69	84375	18.784	ug/l	99
57) 1,3-Dichloropropane	9.35	76	102978	19.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	228378	100.135	ug/l	99
59) 2-Hexanone	9.47	43	305080	97.510	ug/l	99
60) Dibromochloromethane	9.57	129	74732	19.335	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67301	19.554	ug/l	100
64) Tetrachloroethene	9.32	164	71122	19.799	ug/l	97
65) Chlorobenzene	10.12	112	167452	19.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	66383	19.769	ug/l	99
67) Ethyl Benzene	10.23	91	281790	20.069	ug/l	97
68) m/p-Xylenes	10.34	106	216820	40.586	ug/l	100
69) o-Xylene	10.68	106	101187	19.822	ug/l	100
70) Styrene	10.69	104	176290	20.119	ug/l	99
71) Bromoform	10.84	173	54781	19.333	ug/l #	100
73) Isopropylbenzene	11.00	105	280623	19.529	ug/l	100
74) N-amyl acetate	10.88	43	111191	19.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	86856	19.908	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86100m	20.327	ug/l	
77) Bromobenzene	11.24	156	75959	18.560	ug/l	96
78) n-propylbenzene	11.34	91	316822	19.632	ug/l	100
79) 2-Chlorotoluene	11.40	91	194575	19.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	238804	19.578	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30008	17.972	ug/l	99
82) 4-Chlorotoluene	11.49	91	230369	19.546	ug/l	100
83) tert-Butylbenzene	11.76	119	225608	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	240986	19.556	ug/l	99
85) sec-Butylbenzene	11.93	105	266330	19.293	ug/l	100
86) p-Isopropyltoluene	12.05	119	256581	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138444	18.910	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	139976	18.924	ug/l	98
89) n-Butylbenzene	12.37	91	207461	18.624	ug/l	99
90) Hexachloroethane	12.58	117	47932	19.329	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	131538	19.119	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20965	18.211	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	87087	18.235	ug/l	99
94) Hexachlorobutadiene	13.76	225	34999	17.970	ug/l	97
95) Naphthalene	13.82	128	259216	18.460	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	85806	18.599	ug/l	95

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

