

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017534.D
 Acq On : 24 Jul 2020 11:51
 Operator : JC/SP
 Sample : VX0724WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:57 AM

Quant Time: Jul 25 02:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	588534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	884321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	777058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	364964	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	5.46	113	286915	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.70	98	1006882	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.12	95	426696	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	114107	20.293	ug/l	99
3) Chloromethane	1.32	50	127614	17.780	ug/l	99
4) Vinyl Chloride	1.39	62	126938	17.140	ug/l	99
5) Bromomethane	1.63	94	92583	21.524	ug/l	97
6) Chloroethane	1.71	64	75627	18.030	ug/l	99
7) Trichlorofluoromethane	1.92	101	204967	17.596	ug/l	98
8) Diethyl Ether	2.17	74	67367	16.937	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108109	16.912	ug/l	97
10) Methyl Iodide	2.49	142	120114	14.687	ug/l	97
11) Tert butyl alcohol	3.01	59	135468	85.022	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103372	17.005	ug/l	98
13) Acrolein	2.27	56	84437	72.407	ug/l	97
14) Allyl chloride	2.70	41	188583	16.990	ug/l	96
15) Acrylonitrile	3.11	53	288314	83.778	ug/l	99
16) Acetone	2.42	43	286526	86.111	ug/l	98
17) Carbon Disulfide	2.55	76	312960	16.938	ug/l	98
18) Methyl Acetate	2.75	43	126855	16.188	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	354856	16.865	ug/l	98
20) Methylene Chloride	2.83	84	120841	18.473	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	113965	17.500	ug/l	99
22) Diisopropyl ether	3.82	45	347320	17.113	ug/l	# 77
23) Vinyl Acetate	3.78	43	1551224	85.721	ug/l	98
24) 1,1-Dichloroethane	3.67	63	198303	16.961	ug/l	99
25) 2-Butanone	4.64	43	405383	85.760	ug/l	100
26) 2,2-Dichloropropane	4.55	77	190419	18.195	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	125835	17.790	ug/l	99
28) Bromochloromethane	4.98	49	85661	16.168	ug/l	95
29) Tetrahydrofuran	5.09	42	259587	88.657	ug/l	99
30) Chloroform	5.17	83	214678	17.970	ug/l	96
31) Cyclohexane	5.54	56	166168	17.823	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	200755	17.821	ug/l	98
36) 1,1-Dichloropropene	5.77	75	157324	18.549	ug/l	100
37) Ethyl Acetate	4.79	43	163914	17.663	ug/l	99
38) Carbon Tetrachloride	5.75	117	185700	18.030	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	164561	16.621	ug/l	97
40) Benzene	6.11	78	429430	17.660	ug/l	98
41) Methacrylonitrile	4.99	41	89358	16.799	ug/l	99
42) 1,2-Dichloroethane	6.16	62	186765	18.775	ug/l	99
43) Isopropyl Acetate	6.41	43	255223	16.669	ug/l	99
44) Trichloroethene	7.19	130	136862	19.260	ug/l	94
45) 1,2-Dichloropropane	7.49	63	114452	16.979	ug/l	100
46) Dibromomethane	7.63	93	80814	16.964	ug/l	99
47) Bromodichloromethane	7.87	83	173627	18.114	ug/l	99
48) Methyl methacrylate	7.74	41	121743	16.040	ug/l	96
49) 1,4-Dioxane	7.71	88	54881	377.154	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	796354	87.169	ug/l	98
52) Toluene	8.76	92	280383	17.980	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	194614	18.137	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	204381	18.674	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	117278	18.053	ug/l	95
56) Ethyl methacrylate	9.16	69	171534	17.527	ug/l	99
57) 1,3-Dichloropropane	9.35	76	189886	17.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	408738	79.271	ug/l	98
59) 2-Hexanone	9.47	43	588072	85.498	ug/l	99
60) Dibromochloromethane	9.56	129	149247	18.076	ug/l	99
61) 1,2-Dibromoethane	9.65	107	131539	19.019	ug/l	100
64) Tetrachloroethene	9.32	164	135758	19.465	ug/l	98
65) Chlorobenzene	10.12	112	320675	19.066	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	123376	18.175	ug/l	99
67) Ethyl Benzene	10.24	91	523746	18.654	ug/l	99
68) m/p-Xylenes	10.34	106	445120	40.924	ug/l	99
69) o-Xylene	10.68	106	185997	17.780	ug/l	99
70) Styrene	10.70	104	333499	18.738	ug/l	99
71) Bromoform	10.84	173	104764	17.814	ug/l #	97
73) Isopropylbenzene	11.00	105	536862	17.141	ug/l	99
74) N-amyl acetate	10.88	43	218323	15.689	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	164684	16.845	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	161256m	17.170	ug/l	
77) Bromobenzene	11.24	156	152946	17.443	ug/l	98
78) n-propylbenzene	11.34	91	612002	17.325	ug/l	99
79) 2-Chlorotoluene	11.40	91	354192	16.186	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	465380	17.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	59049	15.843	ug/l	97
82) 4-Chlorotoluene	11.49	91	447769	17.347	ug/l	99
83) tert-Butylbenzene	11.76	119	438282	17.128	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	466845	17.552	ug/l	99
85) sec-Butylbenzene	11.93	105	516969	17.343	ug/l	100
86) p-Isopropyltoluene	12.05	119	530417	18.686	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	277178	18.408	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	275738	17.680	ug/l	98
89) n-Butylbenzene	12.37	91	452427	17.887	ug/l	97
90) Hexachloroethane	12.58	117	96884	17.312	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	249820	16.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40651	16.522	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174948	17.322	ug/l	99
94) Hexachlorobutadiene	13.76	225	80063	17.221	ug/l	95
95) Naphthalene	13.82	128	485231	16.094	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	175215	17.570	ug/l	97

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

