

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017588.D
 Acq On : 25 Jul 2020 12:12
 Operator : JC/SP
 Sample : VX0724WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:20 AM

Quant Time: Jul 27 03:01:13 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	517638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	813308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	784698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	378466	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	
35) Dibromofluoromethane	5.47	113	296997	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
50) Toluene-d8	8.70	98	967713	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.12	95	366220	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	102167	20.677	ug/l	98
3) Chloromethane	1.31	50	123711	19.559	ug/l	99
4) Vinyl Chloride	1.39	62	122516	18.809	ug/l	97
5) Bromomethane	1.63	94	90073	24.153	ug/l	99
6) Chloroethane	1.72	64	76857	20.954	ug/l	97
7) Trichlorofluoromethane	1.92	101	190958	18.638	ug/l	94
8) Diethyl Ether	2.17	74	69826	20.210	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101352	18.026	ug/l	98
10) Methyl Iodide	2.49	142	111572	15.511	ug/l	97
11) Tert butyl alcohol	3.01	59	157739	112.559	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106369	19.895	ug/l	96
13) Acrolein	2.27	56	75566	73.603	ug/l	97
14) Allyl chloride	2.71	41	185429	18.993	ug/l	100
15) Acrylonitrile	3.12	53	317976	105.052	ug/l	99
16) Acetone	2.42	43	316589	108.177	ug/l	99
17) Carbon Disulfide	2.55	76	291515	17.938	ug/l	98
18) Methyl Acetate	2.75	43	147244	21.363	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	376182	20.328	ug/l	99
20) Methylene Chloride	2.84	84	124003	21.773	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	111910	19.538	ug/l	95
22) Diisopropyl ether	3.82	45	368594	20.648	ug/l	# 85
23) Vinyl Acetate	3.79	43	1646633	103.455	ug/l	99
24) 1,1-Dichloroethane	3.67	63	211019	20.521	ug/l	98
25) 2-Butanone	4.64	43	469845	113.011	ug/l	100
26) 2,2-Dichloropropane	4.55	77	100332	10.900	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	126640	20.356	ug/l	93
28) Bromochloromethane	4.98	49	91382	19.610	ug/l	97
29) Tetrahydrofuran	5.09	42	305390	118.585	ug/l	99
30) Chloroform	5.18	83	215504	20.510	ug/l	92
31) Cyclohexane	5.55	56	164496	20.060	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	201249	20.312	ug/l	99
36) 1,1-Dichloropropene	5.77	75	148084	18.984	ug/l	99
37) Ethyl Acetate	4.80	43	176149	20.639	ug/l	98
38) Carbon Tetrachloride	5.76	117	177930	18.784	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	161600	17.747	ug/l	98
40) Benzene	6.12	78	423571	18.940	ug/l	99
41) Methacrylonitrile	5.00	41	98666	20.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	184958	20.216	ug/l	98
43) Isopropyl Acetate	6.42	43	272327	19.339	ug/l	99
44) Trichloroethene	7.19	130	129614	19.832	ug/l	98
45) 1,2-Dichloropropane	7.49	63	124831	20.136	ug/l	97
46) Dibromomethane	7.64	93	89342	20.392	ug/l	100
47) Bromodichloromethane	7.87	83	179780	20.393	ug/l	97
48) Methyl methacrylate	7.74	41	145250	20.809	ug/l	96
49) 1,4-Dioxane	7.71	88	65453	489.081	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	862678	102.674	ug/l	99
52) Toluene	8.77	92	264126	18.416	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173640	17.596	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	182981	18.179	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	117798	19.717	ug/l	99
56) Ethyl methacrylate	9.16	69	173251	19.248	ug/l	98
57) 1,3-Dichloropropane	9.35	76	190625	19.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	412200	86.922	ug/l	100
59) 2-Hexanone	9.48	43	664705	105.077	ug/l	99
60) Dibromochloromethane	9.57	129	143795	18.936	ug/l	99
61) 1,2-Dibromoethane	9.65	107	127255	20.006	ug/l	99
64) Tetrachloroethene	9.32	164	131022	18.603	ug/l	96
65) Chlorobenzene	10.12	112	313843	18.478	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	129337	18.868	ug/l	99
67) Ethyl Benzene	10.24	91	530612	18.715	ug/l	99
68) m/p-Xylenes	10.34	106	405278	36.898	ug/l	98
69) o-Xylene	10.68	106	190996	18.080	ug/l	98
70) Styrene	10.70	104	331336	18.435	ug/l	99
71) Bromoform	10.84	173	106479	17.929	ug/l #	98
73) Isopropylbenzene	11.00	105	473710	17.541	ug/l	98
74) N-amyl acetate	10.88	43	229367	19.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154638	18.345	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	153360m	18.939	ug/l	
77) Bromobenzene	11.24	156	134436	17.782	ug/l	98
78) n-propylbenzene	11.34	91	519802	17.066	ug/l	99
79) 2-Chlorotoluene	11.40	91	324793	17.214	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	402550	17.458	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47429	14.758	ug/l	93
82) 4-Chlorotoluene	11.49	91	388936	17.475	ug/l	99
83) tert-Butylbenzene	11.76	119	430318	19.504	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	442782	19.307	ug/l	100
85) sec-Butylbenzene	11.93	105	461290	17.948	ug/l	99
86) p-Isopropyltoluene	12.05	119	445654	18.208	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	250286	19.278	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	247448	18.400	ug/l	97
89) n-Butylbenzene	12.37	91	386460	17.720	ug/l	99
90) Hexachloroethane	12.58	117	95144	19.717	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	241073	18.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44778	20.392	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	170924	19.627	ug/l	99
94) Hexachlorobutadiene	13.76	225	72036	17.970	ug/l	98
95) Naphthalene	13.82	128	537437	20.673	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	167929	19.530	ug/l	100

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

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