

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019238.D
 Acq On : 03 Nov 2020 17:25
 Operator : JC/MD
 Sample : VX1104WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:50 AM

Quant Time: Nov 04 02:41:09 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	5.62	168	260775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	434132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168273	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.46	113	132405	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.70	98	502598	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.12	95	192420	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	40767	18.752	ug/l	100
3) Chloromethane	1.31	50	47155	19.415	ug/l	100
4) Vinyl Chloride	1.39	62	54464	19.336	ug/l	98
5) Bromomethane	1.64	94	41617	21.635	ug/l	96
6) Chloroethane	1.71	64	36084	20.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	85702	19.367	ug/l	99
8) Diethyl Ether	2.17	74	33705	19.846	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47055	19.185	ug/l	98
10) Methyl Iodide	2.49	142	50265	21.526	ug/l	100
11) Tert butyl alcohol	3.03	59	59406	89.434	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46560	18.422	ug/l	99
13) Acrolein	2.28	56	23901	84.309	ug/l	99
14) Allyl chloride	2.71	41	74167	19.374	ug/l	99
15) Acrylonitrile	3.12	53	135413	97.014	ug/l	99
16) Acetone	2.43	43	116849	100.716	ug/l	100
17) Carbon Disulfide	2.55	76	127522	18.191	ug/l	100
18) Methyl Acetate	2.75	43	56202	19.921	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	171213	19.551	ug/l	99
20) Methylene Chloride	2.83	84	55541	19.069	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	53095	18.253	ug/l	98
22) Diisopropyl ether	3.82	45	158188	20.727	ug/l	89
23) Vinyl Acetate	3.78	43	687592	101.028	ug/l	97
24) 1,1-Dichloroethane	3.67	63	94389	19.808	ug/l	98
25) 2-Butanone	4.64	43	182459	99.789	ug/l	99
26) 2,2-Dichloropropane	4.54	77	86221	19.247	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60850	18.720	ug/l	97
28) Bromochloromethane	4.98	49	42407	19.576	ug/l	93
29) Tetrahydrofuran	5.09	42	116237	100.876	ug/l	97
30) Chloroform	5.17	83	100045	19.725	ug/l	97
31) Cyclohexane	5.54	56	82000	19.289	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	88450	19.234	ug/l	99
36) 1,1-Dichloropropene	5.76	75	74024	18.465	ug/l	98
37) Ethyl Acetate	4.79	43	72138	19.381	ug/l	99
38) Carbon Tetrachloride	5.75	117	74963	18.345	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88709	18.506	ug/l	97
40) Benzene	6.11	78	217952	19.175	ug/l	99
41) Methacrylonitrile	5.00	41	38993	19.453	ug/l	98
42) 1,2-Dichloroethane	6.16	62	81738	19.512	ug/l	99
43) Isopropyl Acetate	6.40	43	119044	19.101	ug/l	99
44) Trichloroethene	7.19	130	59529	18.287	ug/l	98
45) 1,2-Dichloropropane	7.49	63	55115	19.797	ug/l	97
46) Dibromomethane	7.63	93	39257	19.069	ug/l	97
47) Bromodichloromethane	7.87	83	76491	18.850	ug/l	99
48) Methyl methacrylate	7.74	41	57116	19.040	ug/l	99
49) 1,4-Dioxane	7.74	88	25231	378.214	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	358885	100.188	ug/l	98
52) Toluene	8.76	92	140822	19.236	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84549	18.242	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	90979	18.667	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55991	19.357	ug/l	99
56) Ethyl methacrylate	9.16	69	82079	18.787	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94641	19.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	226710	92.784	ug/l	97
59) 2-Hexanone	9.47	43	273573	100.330	ug/l	99
60) Dibromochloromethane	9.56	129	58131	18.518	ug/l	98
61) 1,2-Dibromoethane	9.65	107	58288	18.844	ug/l	100
64) Tetrachloroethene	9.32	164	56385	18.573	ug/l	99
65) Chlorobenzene	10.12	112	147686	18.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	53517	18.253	ug/l	99
67) Ethyl Benzene	10.23	91	267240	18.415	ug/l	99
68) m/p-Xylenes	10.34	106	199310	36.592	ug/l	98
69) o-Xylene	10.68	106	94554	18.302	ug/l	98
70) Styrene	10.70	104	161138	18.280	ug/l	99
71) Bromoform	10.84	173	40835	17.566	ug/l #	99
73) Isopropylbenzene	11.00	105	260831	18.584	ug/l	99
74) N-amyl acetate	10.88	43	96548	18.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82443	18.795	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80295m	19.612	ug/l	
77) Bromobenzene	11.24	156	63223	18.150	ug/l	94
78) n-propylbenzene	11.34	91	303102	18.918	ug/l	98
79) 2-Chlorotoluene	11.40	91	177737	18.843	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	218703	18.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26969	17.344	ug/l	96
82) 4-Chlorotoluene	11.49	91	211548	18.366	ug/l	100
83) tert-Butylbenzene	11.76	119	209222	18.429	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	221585	18.511	ug/l	100
85) sec-Butylbenzene	11.93	105	257083	18.880	ug/l	99
86) p-Isopropyltoluene	12.05	119	238907	19.009	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	116502	17.959	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118604	17.564	ug/l	99
89) n-Butylbenzene	12.37	91	217881	18.443	ug/l	98
90) Hexachloroethane	12.58	117	36997	17.319	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	111778	17.945	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17919	16.687	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	77202	16.500	ug/l	100
94) Hexachlorobutadiene	13.77	225	32999	16.022	ug/l	98
95) Naphthalene	13.82	128	242179	16.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74476	16.408	ug/l	99

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

