

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018165.D
 Acq On : 31 Aug 2020 23:07
 Operator : JC/SP
 Sample : VX0831WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:24 AM

Quant Time: Sep 01 07:12:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	450741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	721310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	664372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	361061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	313770	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	240731	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.70	98	860198	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.12	95	337130	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	115443	21.036	ug/l	97
3) Chloromethane	1.31	50	114576	19.803	ug/l	100
4) Vinyl Chloride	1.39	62	113075	19.633	ug/l	97
5) Bromomethane	1.63	94	77821	28.013	ug/l	97
6) Chloroethane	1.71	64	65700	21.239	ug/l	93
7) Trichlorofluoromethane	1.92	101	182364	23.221	ug/l	99
8) Diethyl Ether	2.17	74	57614	21.632	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	90620	21.344	ug/l	98
10) Methyl Iodide	2.49	142	98746	24.726	ug/l	100
11) Tert butyl alcohol	3.01	59	116098	95.423	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91385	20.746	ug/l	97
13) Acrolein	2.28	56	35776	70.916	ug/l	99
14) Allyl chloride	2.71	41	158793	20.065	ug/l	98
15) Acrylonitrile	3.12	53	268424	97.259	ug/l	99
16) Acetone	2.42	43	248530	101.928	ug/l	94
17) Carbon Disulfide	2.55	76	253050	19.004	ug/l	100
18) Methyl Acetate	2.75	43	127610	21.688	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	319224	21.132	ug/l	98
20) Methylene Chloride	2.84	84	105478	20.467	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	98332	20.149	ug/l	99
22) Diisopropyl ether	3.83	45	325278	20.825	ug/l	98
23) Vinyl Acetate	3.79	43	1414333	101.762	ug/l	98
24) 1,1-Dichloroethane	3.67	63	185409	20.853	ug/l	98
25) 2-Butanone	4.64	43	385035	96.085	ug/l	100
26) 2,2-Dichloropropane	4.55	77	127675	17.648	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	112635	20.032	ug/l	97
28) Bromochloromethane	4.99	49	78898	18.383	ug/l	96
29) Tetrahydrofuran	5.09	42	243976	95.642	ug/l	97
30) Chloroform	5.18	83	193310	20.997	ug/l	99
31) Cyclohexane	5.55	56	148236	19.792	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	182792	21.635	ug/l	100
36) 1,1-Dichloropropene	5.77	75	136874	20.573	ug/l	98
37) Ethyl Acetate	4.79	43	149280	19.319	ug/l	99
38) Carbon Tetrachloride	5.76	117	168022	22.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	144234	19.826	ug/l	97
40) Benzene	6.12	78	398339	20.376	ug/l	96
41) Methacrylonitrile	5.00	41	82858	19.530	ug/l	98
42) 1,2-Dichloroethane	6.17	62	164245	21.929	ug/l	98
43) Isopropyl Acetate	6.42	43	243799	19.534	ug/l	99
44) Trichloroethene	7.19	130	113159	20.486	ug/l	99
45) 1,2-Dichloropropane	7.49	63	106008	20.120	ug/l	95
46) Dibromomethane	7.64	93	76581	20.669	ug/l	98
47) Bromodichloromethane	7.88	83	159531	21.564	ug/l	97
48) Methyl methacrylate	7.75	41	118876	19.134	ug/l	99
49) 1,4-Dioxane	7.71	88	41889	372.208	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	763776	99.071	ug/l	99
52) Toluene	8.76	92	258427	20.848	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	165934	20.238	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	172443	19.854	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	106350	20.116	ug/l	97
56) Ethyl methacrylate	9.16	69	151924	19.330	ug/l	98
57) 1,3-Dichloropropane	9.35	76	177498	20.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	302999	85.701	ug/l	99
59) 2-Hexanone	9.47	43	577249	98.471	ug/l	98
60) Dibromochloromethane	9.57	129	130198	20.993	ug/l	99
61) 1,2-Dibromoethane	9.65	107	115741	20.165	ug/l	99
64) Tetrachloroethene	9.32	164	105964	21.704	ug/l	91
65) Chlorobenzene	10.12	112	280686	21.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	114245	21.845	ug/l	97
67) Ethyl Benzene	10.24	91	486528	21.561	ug/l	99
68) m/p-Xylenes	10.34	106	363617	43.173	ug/l	97
69) o-Xylene	10.68	106	172213	21.093	ug/l	98
70) Styrene	10.70	104	296890	21.353	ug/l	98
71) Bromoform	10.84	173	99124	22.221	ug/l #	96
73) Isopropylbenzene	11.00	105	480023	20.156	ug/l	98
74) N-amyl acetate	10.88	43	212684	18.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	160599	19.116	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	154279m	19.208	ug/l	
77) Bromobenzene	11.24	156	128263	19.483	ug/l	98
78) n-propylbenzene	11.34	91	550768	20.367	ug/l	99
79) 2-Chlorotoluene	11.40	91	336006	20.112	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	418693	21.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	49639	16.692	ug/l	91
82) 4-Chlorotoluene	11.49	91	401340	20.207	ug/l	99
83) tert-Butylbenzene	11.76	119	399205	20.669	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	413950	20.688	ug/l	98
85) sec-Butylbenzene	11.93	105	458712	20.885	ug/l	100
86) p-Isopropyltoluene	12.05	119	425098	21.071	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	229947	19.895	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	235452	20.345	ug/l	98
89) n-Butylbenzene	12.37	91	369738	20.079	ug/l	97
90) Hexachloroethane	12.58	117	86881	21.888	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	224714	20.654	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40062	19.071	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	141209	19.463	ug/l	98
94) Hexachlorobutadiene	13.76	225	59342	20.737	ug/l	99
95) Naphthalene	13.82	128	462264	19.360	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	145646	20.317	ug/l	99

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

