

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018109.D
 Acq On : 28 Aug 2020 10:54
 Operator : JC/SP
 Sample : VX0828WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:22 AM

Quant Time: Aug 29 03:28:33 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	749623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1219672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1129579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	533964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	524246	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.46	113	412405	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.70	98	1516585	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	594660	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	179809	19.701	ug/l	99
3) Chloromethane	1.32	50	191575	19.910	ug/l	98
4) Vinyl Chloride	1.39	62	185795	19.397	ug/l	99
5) Bromomethane	1.63	94	119170	25.794	ug/l	99
6) Chloroethane	1.72	64	106166	20.636	ug/l	98
7) Trichlorofluoromethane	1.92	101	267320	20.467	ug/l	97
8) Diethyl Ether	2.17	74	90356	20.399	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142895	20.237	ug/l	95
10) Methyl Iodide	2.49	142	156122	23.767	ug/l	99
11) Tert butyl alcohol	3.02	59	192654	95.211	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137060	18.710	ug/l	98
13) Acrolein	2.28	56	71600	85.339	ug/l	99
14) Allyl chloride	2.71	41	291749	22.167	ug/l	98
15) Acrylonitrile	3.12	53	464192	101.133	ug/l	100
16) Acetone	2.42	43	378267	93.282	ug/l	95
17) Carbon Disulfide	2.55	76	433886	19.592	ug/l	99
18) Methyl Acetate	2.75	43	210198	21.481	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	519302	20.670	ug/l	97
20) Methylene Chloride	2.84	84	179205	20.935	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	164492	20.267	ug/l	97
22) Diisopropyl ether	3.83	45	565773	21.780	ug/l	97
23) Vinyl Acetate	3.79	43	2511609	108.660	ug/l	100
24) 1,1-Dichloroethane	3.67	63	307738	20.811	ug/l	100
25) 2-Butanone	4.64	43	665738	99.895	ug/l	97
26) 2,2-Dichloropropane	4.55	77	280556	23.319	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	188943	20.205	ug/l	98
28) Bromochloromethane	4.98	49	153468	21.501	ug/l	98
29) Tetrahydrofuran	5.09	42	426801	100.603	ug/l	99
30) Chloroform	5.18	83	309085	20.187	ug/l	98
31) Cyclohexane	5.55	56	266331	21.382	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	282021	20.071	ug/l	98
36) 1,1-Dichloropropene	5.77	75	233140	20.724	ug/l	100
37) Ethyl Acetate	4.80	43	259279	19.844	ug/l	99
38) Carbon Tetrachloride	5.75	117	257472	20.309	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247657	20.133	ug/l	98
40) Benzene	6.12	78	674169	20.395	ug/l	99
41) Methacrylonitrile	5.01	41	142444	19.855	ug/l	99
42) 1,2-Dichloroethane	6.16	62	257350	20.320	ug/l	100
43) Isopropyl Acetate	6.42	43	418002	19.807	ug/l	99
44) Trichloroethene	7.19	130	186136	19.929	ug/l	95
45) 1,2-Dichloropropane	7.49	63	182548	20.490	ug/l	94
46) Dibromomethane	7.64	93	121024	19.317	ug/l	98
47) Bromodichloromethane	7.87	83	248359	19.854	ug/l	99
48) Methyl methacrylate	7.74	41	207774	19.778	ug/l	98
49) 1,4-Dioxane	7.71	88	73291	385.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1313769	100.781	ug/l	99
52) Toluene	8.76	92	416970	19.893	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	281984	20.339	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	299652	20.403	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	176841	19.782	ug/l	97
56) Ethyl methacrylate	9.16	69	263977	19.863	ug/l	99
57) 1,3-Dichloropropane	9.35	76	293067	19.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	567854	94.987	ug/l	98
59) 2-Hexanone	9.47	43	1027246	103.634	ug/l	98
60) Dibromochloromethane	9.56	129	204682	19.518	ug/l	100
61) 1,2-Dibromoethane	9.65	107	185994	19.164	ug/l	99
64) Tetrachloroethene	9.32	164	174764	21.054	ug/l	96
65) Chlorobenzene	10.12	112	459403	20.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	178876	20.117	ug/l	98
67) Ethyl Benzene	10.24	91	803709	20.949	ug/l	99
68) m/p-Xylenes	10.34	106	605704	42.298	ug/l	98
69) o-Xylene	10.68	106	290111	20.899	ug/l	98
70) Styrene	10.70	104	488673	20.671	ug/l	98
71) Bromoform	10.84	173	144845	19.098	ug/l #	100
73) Isopropylbenzene	11.00	105	776253	22.040	ug/l	100
74) N-amyl acetate	10.88	43	369042	22.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	255245	20.543	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	251880m	21.205	ug/l	
77) Bromobenzene	11.24	156	198605	20.400	ug/l	96
78) n-propylbenzene	11.34	91	884457	22.116	ug/l	98
79) 2-Chlorotoluene	11.40	91	537564	21.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	646961	22.353	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	97816	22.241	ug/l	97
82) 4-Chlorotoluene	11.49	91	641218	21.830	ug/l	100
83) tert-Butylbenzene	11.76	119	601593	21.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	659754	22.296	ug/l	98
85) sec-Butylbenzene	11.93	105	714726	22.004	ug/l	98
86) p-Isopropyltoluene	12.05	119	657357	22.032	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	351121	20.541	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	341941	19.979	ug/l	99
89) n-Butylbenzene	12.37	91	576510	21.170	ug/l	99
90) Hexachloroethane	12.58	117	125810	21.432	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	334850	20.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60258	19.396	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	214512	19.993	ug/l	96
94) Hexachlorobutadiene	13.77	225	85985	20.318	ug/l	97
95) Naphthalene	13.82	128	725465	20.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	202472	19.098	ug/l	99

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

