

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011758.D
 Acq On : 22 Aug 2019 13:47
 Operator : JC/SP
 Sample : VX0822WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 8:41:56 AM

Quant Time: Aug 23 02:15:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	371033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	508284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	461451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	247847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	195357	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	5.49	113	167757	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.71	98	616792	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	11.13	95	228047	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81343	23.491	ug/l	99
3) Chloromethane	1.32	50	69247	22.803	ug/l	98
4) Vinyl Chloride	1.40	62	66535	21.917	ug/l	100
5) Bromomethane	1.63	94	39170	23.422	ug/l	90
6) Chloroethane	1.71	64	36155	20.370	ug/l	99
7) Trichlorofluoromethane	1.92	101	104873	21.699	ug/l	98
8) Diethyl Ether	2.18	74	33033	20.100	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63656	21.284	ug/l	98
10) Methyl Iodide	2.50	142	70123	19.196	ug/l	97
11) Tert butyl alcohol	3.03	59	70959	96.343	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	59856	20.525	ug/l	96
13) Acrolein	2.28	56	33870	118.965	ug/l	95
14) Allyl chloride	2.72	41	92629	20.322	ug/l	95
15) Acrylonitrile	3.13	53	168259	99.879	ug/l	98
16) Acetone	2.43	43	163704	100.966	ug/l	99
17) Carbon Disulfide	2.56	76	147205	19.964	ug/l	99
18) Methyl Acetate	2.76	43	93444	21.239	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	194845	20.829	ug/l	99
20) Methylene Chloride	2.85	84	65591	19.787	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	63787	20.279	ug/l	98
22) Diisopropyl ether	3.84	45	183835	20.799	ug/l	92
23) Vinyl Acetate	3.81	43	764220	104.429	ug/l	100
24) 1,1-Dichloroethane	3.68	63	107092	20.521	ug/l	99
25) 2-Butanone	4.66	43	238284	102.388	ug/l	99
26) 2,2-Dichloropropane	4.57	77	91373	20.618	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	72329	20.051	ug/l	99
28) Bromochloromethane	5.00	49	48605	20.518	ug/l	98
29) Tetrahydrofuran	5.12	42	151633	101.642	ug/l	98
30) Chloroform	5.20	83	116953	20.656	ug/l	99
31) Cyclohexane	5.57	56	96428	21.040	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	105729	21.483	ug/l	99
36) 1,1-Dichloropropene	5.79	75	84954	21.314	ug/l	99
37) Ethyl Acetate	4.82	43	85011	20.154	ug/l	99
38) Carbon Tetrachloride	5.78	117	93164	20.624	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104939	21.246	ug/l	96
40) Benzene	6.13	78	251678	20.412	ug/l	96
41) Methacrylonitrile	5.03	41	48110	19.612	ug/l	99
42) 1,2-Dichloroethane	6.18	62	94261	20.913	ug/l	99
43) Isopropyl Acetate	6.43	43	136177	19.947	ug/l	99
44) Trichloroethene	7.21	130	76436	20.110	ug/l	95
45) 1,2-Dichloropropane	7.51	63	62399	20.134	ug/l	96
46) Dibromomethane	7.66	93	45905	20.090	ug/l	98
47) Bromodichloromethane	7.89	83	83275	20.246	ug/l	100
48) Methyl methacrylate	7.76	41	69083	20.333	ug/l	99
49) 1,4-Dioxane	7.73	88	35953	381.926	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	454084	100.942	ug/l	99
52) Toluene	8.78	92	162106	20.316	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	89065	20.627	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99326	21.086	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	67855	20.412	ug/l	97
56) Ethyl methacrylate	9.17	69	97688	20.663	ug/l	96
57) 1,3-Dichloropropane	9.37	76	109449	20.390	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	222011	89.271	ug/l	99
59) 2-Hexanone	9.49	43	351437	101.786	ug/l	99
60) Dibromochloromethane	9.58	129	72461	20.161	ug/l	100
61) 1,2-Dibromoethane	9.66	107	73007	20.468	ug/l	98
64) Tetrachloroethene	9.33	164	75974	20.637	ug/l	96
65) Chlorobenzene	10.13	112	187346	20.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69994	20.736	ug/l	100
67) Ethyl Benzene	10.25	91	315663	20.967	ug/l	100
68) m/p-Xylenes	10.35	106	244173	42.062	ug/l	98
69) o-Xylene	10.69	106	116872	20.506	ug/l	99
70) Styrene	10.71	104	198072	20.774	ug/l	99
71) Bromoform	10.85	173	54833	18.831	ug/l #	98
73) Isopropylbenzene	11.01	105	324213	21.707	ug/l	100
74) N-amyl acetate	10.89	43	118364	20.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	101034	20.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	89355m	20.546	ug/l	
77) Bromobenzene	11.25	156	89583	20.345	ug/l	98
78) n-propylbenzene	11.35	91	357087	22.359	ug/l	98
79) 2-Chlorotoluene	11.41	91	214647	21.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	273697	21.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27024	18.740	ug/l	88
82) 4-Chlorotoluene	11.51	91	249167	21.755	ug/l	99
83) tert-Butylbenzene	11.77	119	275125	22.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	275538	21.895	ug/l	97
85) sec-Butylbenzene	11.94	105	315042	22.400	ug/l	99
86) p-Isopropyltoluene	12.06	119	301251	22.262	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	158841	20.948	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	160581	20.932	ug/l	99
89) n-Butylbenzene	12.38	91	246416	21.997	ug/l	99
90) Hexachloroethane	12.59	117	44221	21.034	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	157499	20.594	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22572	19.642	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	114583	20.368	ug/l	99
94) Hexachlorobutadiene	13.78	225	63436	20.578	ug/l	99
95) Naphthalene	13.83	128	320618	20.693	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	116315	20.592	ug/l	97

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

