

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011363.D
 Acq On : 07 Aug 2019 15:07
 Operator : JC/SP
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 10:56:56 AM

Quant Time: Aug 08 07:33:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95368	58.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.00%	
35) Dibromofluoromethane	5.49	113	84524	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	313997	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.13	95	115727	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	23858	18.921	ug/l	98
3) Chloromethane	1.32	50	27159	19.180	ug/l	97
4) Vinyl Chloride	1.40	62	29812	19.140	ug/l	100
5) Bromomethane	1.63	94	20703	18.637	ug/l	100
6) Chloroethane	1.71	64	19167	18.212	ug/l	97
7) Trichlorofluoromethane	1.92	101	53263	19.232	ug/l	99
8) Diethyl Ether	2.18	74	18939	19.152	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28992	19.347	ug/l	98
10) Methyl Iodide	2.50	142	32066	16.973	ug/l	97
11) Tert butyl alcohol	3.03	59	34510	105.274	ug/l	99
12) 1,1-Dichloroethene	2.37	96	28113	18.926	ug/l	94
13) Acrolein	2.29	56	18603	91.036	ug/l	100
14) Allyl chloride	2.72	41	42077	21.248	ug/l	96
15) Acrylonitrile	3.14	53	81490	104.158	ug/l	98
16) Acetone	2.43	43	69630	88.975	ug/l	95
17) Carbon Disulfide	2.56	76	65962	18.923	ug/l	99
18) Methyl Acetate	2.76	43	37325	20.871	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	93838	21.437	ug/l	99
20) Methylene Chloride	2.85	84	32542	18.987	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	30624	19.489	ug/l	94
22) Diisopropyl ether	3.85	45	89739	20.619	ug/l	97
23) Vinyl Acetate	3.81	43	388745	107.691	ug/l	99
24) 1,1-Dichloroethane	3.69	63	52850	20.593	ug/l	97
25) 2-Butanone	4.67	43	109540	98.400	ug/l	98
26) 2,2-Dichloropropane	4.58	77	38777	19.437	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	36215	20.010	ug/l	97
28) Bromochloromethane	5.01	49	22734	19.431	ug/l	98
29) Tetrahydrofuran	5.12	42	68968	101.042	ug/l	100
30) Chloroform	5.20	83	57465	20.602	ug/l	96
31) Cyclohexane	5.57	56	42141	19.903	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	49310	20.637	ug/l	99
36) 1,1-Dichloropropene	5.80	75	40414	18.898	ug/l	98
37) Ethyl Acetate	4.82	43	43425	20.244	ug/l	99
38) Carbon Tetrachloride	5.77	117	42072	19.554	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45300	17.870	ug/l	96
40) Benzene	6.14	78	124304	19.478	ug/l	96
41) Methacrylonitrile	5.03	41	23445	20.013	ug/l	97
42) 1,2-Dichloroethane	6.19	62	45818	21.232	ug/l	97
43) Isopropyl Acetate	6.44	43	68990	20.116	ug/l	99
44) Trichloroethene	7.21	130	35921	18.596	ug/l	100
45) 1,2-Dichloropropane	7.51	63	31107	18.822	ug/l	95
46) Dibromomethane	7.66	93	22781	18.882	ug/l	97
47) Bromodichloromethane	7.90	83	40811	19.979	ug/l	98
48) Methyl methacrylate	7.76	41	33764	20.919	ug/l	96
49) 1,4-Dioxane	7.74	88	15390	328.907	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	226597	102.379	ug/l	99
52) Toluene	8.78	92	81926	19.417	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	42409	19.653	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	46483	19.480	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	35070	20.216	ug/l	96
56) Ethyl methacrylate	9.18	69	50488	20.422	ug/l	98
57) 1,3-Dichloropropane	9.37	76	54983	20.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	122230	100.555	ug/l	99
59) 2-Hexanone	9.49	43	174967	102.060	ug/l	99
60) Dibromochloromethane	9.58	129	35247	19.845	ug/l	97
61) 1,2-Dibromoethane	9.67	107	37046	19.765	ug/l	98
64) Tetrachloroethene	9.34	164	35784	18.539	ug/l	96
65) Chlorobenzene	10.13	112	92899	19.062	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	33224	19.913	ug/l	99
67) Ethyl Benzene	10.25	91	159342	19.523	ug/l	99
68) m/p-Xylenes	10.35	106	121520	38.493	ug/l	97
69) o-Xylene	10.69	106	58252	18.780	ug/l	96
70) Styrene	10.71	104	99774	19.440	ug/l	98
71) Bromoform	10.85	173	25063	18.684	ug/l #	98
73) Isopropylbenzene	11.02	105	160336	19.865	ug/l	100
74) N-amyl acetate	10.90	43	62215	21.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53837	20.016	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	44928m	20.905	ug/l	
77) Bromobenzene	11.25	156	44410	19.843	ug/l	96
78) n-propylbenzene	11.36	91	178007	19.832	ug/l	99
79) 2-Chlorotoluene	11.42	91	106586	19.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	130704	19.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13856	20.185	ug/l	95
82) 4-Chlorotoluene	11.51	91	123725	19.844	ug/l	98
83) tert-Butylbenzene	11.77	119	130737	19.729	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	134757	20.032	ug/l	100
85) sec-Butylbenzene	11.94	105	157028	19.723	ug/l	100
86) p-Isopropyltoluene	12.06	119	143744	19.625	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76196	19.268	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77287	18.953	ug/l	96
89) n-Butylbenzene	12.38	91	123544	19.578	ug/l	99
90) Hexachloroethane	12.60	117	21002	19.395	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	76969	19.371	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11162	21.419	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51933	19.708	ug/l	99
94) Hexachlorobutadiene	13.78	225	24534	18.351	ug/l	98
95) Naphthalene	13.83	128	164586	21.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54229	20.243	ug/l	99

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

