

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012493.D
 Acq On : 18 Sep 2019 23:34
 Operator : JC/SP
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:06:17 PM

Quant Time: Sep 19 08:07:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	341825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	144954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140538	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.49	113	102184	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	376056	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	149696	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24556	18.499	ug/l	94
3) Chloromethane	1.32	50	21195	19.117	ug/l	100
4) Vinyl Chloride	1.40	62	22689	18.934	ug/l	100
5) Bromomethane	1.63	94	10632	22.583	ug/l	83
6) Chloroethane	1.72	64	16610	17.713	ug/l	100
7) Trichlorofluoromethane	1.92	101	43694	19.891	ug/l	97
8) Diethyl Ether	2.18	74	18214	18.357	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29730	18.705	ug/l	100
10) Methyl Iodide	2.50	142	21217	18.616	ug/l	96
11) Tert butyl alcohol	3.03	59	71400	93.743	ug/l	97
12) 1,1-Dichloroethene	2.36	96	24357	19.211	ug/l	92
13) Acrolein	2.28	56	19239	74.626	ug/l	99
14) Allyl chloride	2.72	41	54998	18.632	ug/l	97
15) Acrylonitrile	3.13	53	118424	94.552	ug/l	98
16) Acetone	2.43	43	109647	77.533	ug/l	98
17) Carbon Disulfide	2.56	76	29717	17.781	ug/l	99
18) Methyl Acetate	2.76	43	58204	19.325	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	132097	19.108	ug/l	100
20) Methylene Chloride	2.85	84	33159	18.957	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	25590	19.436	ug/l	99
22) Diisopropyl ether	3.84	45	130658	18.904	ug/l	97
23) Vinyl Acetate	3.80	43	534858	94.075	ug/l	99
24) 1,1-Dichloroethane	3.69	63	63883	19.318	ug/l	97
25) 2-Butanone	4.66	43	172140	85.860	ug/l	99
26) 2,2-Dichloropropane	4.58	77	46778	14.383	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	37751	19.194	ug/l	96
28) Bromochloromethane	5.00	49	32409	19.010	ug/l	96
29) Tetrahydrofuran	5.12	42	104576	94.418	ug/l	97
30) Chloroform	5.20	83	70642	18.601	ug/l	94
31) Cyclohexane	5.58	56	38726	19.399	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	60371	19.019	ug/l	99
36) 1,1-Dichloropropene	5.79	75	37769	18.180	ug/l	97
37) Ethyl Acetate	4.82	43	63661	19.963	ug/l	99
38) Carbon Tetrachloride	5.78	117	47189	18.264	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	38038	18.835	ug/l	99
40) Benzene	6.14	78	128331	19.426	ug/l	100
41) Methacrylonitrile	5.03	41	37048	18.043	ug/l	98
42) 1,2-Dichloroethane	6.19	62	58560	19.112	ug/l	100
43) Isopropyl Acetate	6.44	43	103848	18.144	ug/l	99
44) Trichloroethene	7.21	130	34707	19.972	ug/l	97
45) 1,2-Dichloropropane	7.51	63	38227	18.835	ug/l	99
46) Dibromomethane	7.65	93	24997	19.032	ug/l	99
47) Bromodichloromethane	7.89	83	54360	18.588	ug/l	100
48) Methyl methacrylate	7.76	41	49329	18.284	ug/l	98
49) 1,4-Dioxane	7.73	88	24038	366.075	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	347036	92.459	ug/l	99
52) Toluene	8.78	92	81904	19.241	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	53305	17.535	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	57972	18.421	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	42527	19.391	ug/l	98
56) Ethyl methacrylate	9.17	69	63888	18.632	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66968	19.139	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	173939	97.998	ug/l	100
59) 2-Hexanone	9.49	43	260903	89.098	ug/l	99
60) Dibromochloromethane	9.58	129	41350	18.510	ug/l	100
61) 1,2-Dibromoethane	9.67	107	39937	19.939	ug/l	99
64) Tetrachloroethene	9.33	164	30823	21.930	ug/l	96
65) Chlorobenzene	10.14	112	96808	19.123	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.21	131	40602	19.325	ug/l	98
67) Ethyl Benzene	10.25	91	168515	19.375	ug/l	99
68) m/p-Xylenes	10.36	106	124145	39.229	ug/l	97
69) o-Xylene	10.70	106	63229	19.428	ug/l	100
70) Styrene	10.71	104	111395	19.345	ug/l	99
71) Bromoform	10.85	173	28399	17.667	ug/l #	100
73) Isopropylbenzene	11.01	105	177464	19.512	ug/l	99
74) N-amyl acetate	10.89	43	91005	18.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	67664	18.965	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63239m	18.992	ug/l	
77) Bromobenzene	11.25	156	44263	19.955	ug/l	98
78) n-propylbenzene	11.35	91	192878	19.028	ug/l	99
79) 2-Chlorotoluene	11.42	91	125301	19.001	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	150920	19.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17663	16.757	ug/l	93
82) 4-Chlorotoluene	11.51	91	145292	19.197	ug/l	99
83) tert-Butylbenzene	11.76	119	159968	19.247	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	153332	19.253	ug/l	99
85) sec-Butylbenzene	11.94	105	173840	18.981	ug/l	99
86) p-Isopropyltoluene	12.06	119	161531	19.207	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82584	19.793	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	82564	19.264	ug/l	100
89) n-Butylbenzene	12.39	91	132096	17.604	ug/l	99
90) Hexachloroethane	12.59	117	27686	17.954	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	84722	19.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16918	18.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	53196	18.938	ug/l	98
94) Hexachlorobutadiene	13.78	225	23200	17.524	ug/l	97
95) Naphthalene	13.83	128	200707	20.081	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	57011	19.917	ug/l	99

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

