

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012465.D
 Acq On : 18 Sep 2019 11:55
 Operator : JC/SP
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:04:21 PM

Quant Time: Sep 19 06:40:22 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	199360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138276	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	99849	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	369057	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.14	95	145688	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	25477	19.396	ug/l	96
3) Chloromethane	1.32	50	21162	19.308	ug/l	100
4) Vinyl Chloride	1.40	62	22926	19.353	ug/l	100
5) Bromomethane	1.63	94	12731	27.355	ug/l	98
6) Chloroethane	1.72	64	15532	16.755	ug/l	91
7) Trichlorofluoromethane	1.92	101	43297	19.938	ug/l	99
8) Diethyl Ether	2.18	74	18308	18.666	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30756	19.575	ug/l	98
10) Methyl Iodide	2.50	142	20559	18.335	ug/l	97
11) Tert butyl alcohol	3.03	59	67748	89.736	ug/l	99
12) 1,1-Dichloroethene	2.36	96	24617	19.640	ug/l	94
13) Acrolein	2.28	56	19291	75.718	ug/l	100
14) Allyl chloride	2.72	41	53187	18.227	ug/l	96
15) Acrylonitrile	3.13	53	117697	95.059	ug/l	100
16) Acetone	2.43	43	128847	93.716	ug/l	99
17) Carbon Disulfide	2.56	76	30060	18.152	ug/l	96
18) Methyl Acetate	2.76	43	56184	18.871	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	131087	19.182	ug/l	99
20) Methylene Chloride	2.85	84	32853	18.999	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	25783	19.809	ug/l	93
22) Diisopropyl ether	3.84	45	128444	18.799	ug/l	94
23) Vinyl Acetate	3.80	43	534796	95.153	ug/l	98
24) 1,1-Dichloroethane	3.69	63	64111	19.611	ug/l	97
25) 2-Butanone	4.66	43	182469	92.065	ug/l	99
26) 2,2-Dichloropropane	4.57	77	59219	18.419	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	38020	19.554	ug/l	97
28) Bromochloromethane	5.00	49	30848	18.304	ug/l	96
29) Tetrahydrofuran	5.12	42	105350	96.218	ug/l	100
30) Chloroform	5.20	83	71997	19.177	ug/l	94
31) Cyclohexane	5.58	56	39127	19.827	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	60766	19.365	ug/l	100
36) 1,1-Dichloropropene	5.79	75	38062	18.987	ug/l	97
37) Ethyl Acetate	4.82	43	61760	20.071	ug/l	99
38) Carbon Tetrachloride	5.78	117	48421	19.421	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39250	20.141	ug/l	97
40) Benzene	6.14	78	128013	20.082	ug/l	100
41) Methacrylonitrile	5.04	41	36941	18.645	ug/l	95
42) 1,2-Dichloroethane	6.18	62	57424	19.422	ug/l	98
43) Isopropyl Acetate	6.43	43	103962	18.824	ug/l	99
44) Trichloroethene	7.21	130	34889	20.806	ug/l	99
45) 1,2-Dichloropropane	7.51	63	37973	19.390	ug/l	98
46) Dibromomethane	7.66	93	24782	19.554	ug/l	99
47) Bromodichloromethane	7.89	83	54957	19.476	ug/l	99
48) Methyl methacrylate	7.76	41	49946	19.185	ug/l	98
49) 1,4-Dioxane	7.73	88	23677	373.682	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	345028	95.265	ug/l	99
52) Toluene	8.78	92	80879	19.690	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55523	18.928	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58693	19.327	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	41023	19.385	ug/l	97
56) Ethyl methacrylate	9.17	69	63640	19.234	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66211	19.610	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	168642	98.466	ug/l	99
59) 2-Hexanone	9.49	43	267101	94.529	ug/l	99
60) Dibromochloromethane	9.58	129	42444	19.690	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38982	20.169	ug/l	99
64) Tetrachloroethene	9.33	164	29205	21.709	ug/l	98
65) Chlorobenzene	10.14	112	97721	20.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	40478	20.128	ug/l	99
67) Ethyl Benzene	10.24	91	167117	20.074	ug/l	98
68) m/p-Xylenes	10.35	106	123112	40.643	ug/l	98
69) o-Xylene	10.70	106	62386	20.027	ug/l	100
70) Styrene	10.71	104	110047	19.966	ug/l	99
71) Bromoform	10.85	173	29327	18.835	ug/l #	99
73) Isopropylbenzene	11.01	105	176495	20.053	ug/l	99
74) N-amyl acetate	10.89	43	89815	18.954	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	68217	19.758	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	64259m	19.942	ug/l	
77) Bromobenzene	11.25	156	42676	19.882	ug/l	99
78) n-propylbenzene	11.35	91	193366	19.712	ug/l	99
79) 2-Chlorotoluene	11.42	91	123099	19.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	149887	19.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19294	18.516	ug/l	92
82) 4-Chlorotoluene	11.51	91	142450	19.449	ug/l	100
83) tert-Butylbenzene	11.77	119	153057	19.029	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	151196	19.618	ug/l	100
85) sec-Butylbenzene	11.94	105	173269	19.550	ug/l	100
86) p-Isopropyltoluene	12.06	119	157783	19.387	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	78840	19.526	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	79240	19.105	ug/l	98
89) n-Butylbenzene	12.38	91	131715	18.139	ug/l	99
90) Hexachloroethane	12.59	117	27295	18.291	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	83380	19.757	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17137	19.145	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52010	19.133	ug/l	99
94) Hexachlorobutadiene	13.78	225	23551	18.382	ug/l	99
95) Naphthalene	13.83	128	193074	19.962	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	54968	19.844	ug/l	100

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

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