

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092619\
 Data File : VX012669.D
 Acq On : 26 Sep 2019 13:13
 Operator : JC/SP
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 8:53:55 AM

Quant Time: Sep 27 00:20:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	190772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	339493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	139517	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	102861	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	390326	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	152187	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	42276	19.699	ug/l	96
3) Chloromethane	1.32	50	48778	19.793	ug/l	100
4) Vinyl Chloride	1.40	62	48267	19.705	ug/l	95
5) Bromomethane	1.63	94	22143	22.992	ug/l	94
6) Chloroethane	1.72	64	34232	20.730	ug/l	96
7) Trichlorofluoromethane	1.92	101	68224	19.838	ug/l	98
8) Diethyl Ether	2.18	74	28345	20.112	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41636	19.877	ug/l	97
10) Methyl Iodide	2.50	142	30420	17.373	ug/l	96
11) Tert butyl alcohol	3.03	59	71560	103.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41248	20.110	ug/l	99
13) Acrolein	2.28	56	14409	45.980	ug/l	100
14) Allyl chloride	2.72	41	81439	20.012	ug/l	98
15) Acrylonitrile	3.13	53	142304	101.075	ug/l	98
16) Acetone	2.44	43	138333	94.011	ug/l	99
17) Carbon Disulfide	2.56	76	106801	18.573	ug/l	100
18) Methyl Acetate	2.76	43	68871	19.877	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	157712	20.314	ug/l	97
20) Methylene Chloride	2.85	84	47791	19.203	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	44032	19.377	ug/l	93
22) Diisopropyl ether	3.85	45	159382	20.269	ug/l	94
23) Vinyl Acetate	3.80	43	701246	101.693	ug/l	99
24) 1,1-Dichloroethane	3.69	63	86351	20.202	ug/l	98
25) 2-Butanone	4.66	43	208212	98.686	ug/l	98
26) 2,2-Dichloropropane	4.57	77	71437	18.792	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51922	19.692	ug/l	96
28) Bromochloromethane	5.00	49	34647	22.324	ug/l	98
29) Tetrahydrofuran	5.12	42	129915	101.025	ug/l	98
30) Chloroform	5.20	83	86034	19.674	ug/l	100
31) Cyclohexane	5.58	56	77857	20.135	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	76621	19.770	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62332	19.048	ug/l	98
37) Ethyl Acetate	4.82	43	76989	20.124	ug/l	99
38) Carbon Tetrachloride	5.78	117	64118	19.289	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76336	19.377	ug/l	98
40) Benzene	6.14	78	189895	19.723	ug/l	97
41) Methacrylonitrile	5.03	41	42767	19.924	ug/l	97
42) 1,2-Dichloroethane	6.18	62	73105	19.995	ug/l	99
43) Isopropyl Acetate	6.43	43	127018	19.853	ug/l	99
44) Trichloroethene	7.21	130	45932	18.661	ug/l	84
45) 1,2-Dichloropropane	7.51	63	48643	19.733	ug/l	97
46) Dibromomethane	7.65	93	32672	19.467	ug/l	96
47) Bromodichloromethane	7.89	83	65027	19.386	ug/l	99
48) Methyl methacrylate	7.76	41	59735	19.472	ug/l	95
49) 1,4-Dioxane	7.73	88	28212	405.455	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	392007	99.261	ug/l	98
52) Toluene	8.78	92	119759	19.790	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72383	19.503	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	79754	19.682	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	48021	19.960	ug/l	98
56) Ethyl methacrylate	9.17	69	79055	19.559	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84722	20.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	192702	106.214	ug/l	97
59) 2-Hexanone	9.49	43	301972	99.894	ug/l	97
60) Dibromochloromethane	9.58	129	47595	19.543	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50004	19.971	ug/l	99
64) Tetrachloroethene	9.33	164	41673	19.820	ug/l	96
65) Chlorobenzene	10.14	112	124835	19.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	45456	19.756	ug/l	97
67) Ethyl Benzene	10.25	91	230839	20.042	ug/l	99
68) m/p-Xylenes	10.35	106	167901	38.915	ug/l	96
69) o-Xylene	10.70	106	82738	19.818	ug/l	96
70) Styrene	10.71	104	139820	19.978	ug/l	100
71) Bromoform	10.85	173	29997	18.724	ug/l #	100
73) Isopropylbenzene	11.01	105	220730	20.241	ug/l	99
74) N-amyl acetate	10.89	43	104610	20.107	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	74760	20.700	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72098m	20.356	ug/l	
77) Bromobenzene	11.25	156	49781	20.169	ug/l	94
78) n-propylbenzene	11.35	91	247148	20.130	ug/l	99
79) 2-Chlorotoluene	11.42	91	153477	20.039	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	188357	20.597	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22547	18.243	ug/l	98
82) 4-Chlorotoluene	11.51	91	175955	20.153	ug/l	98
83) tert-Butylbenzene	11.77	119	178295	20.211	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	186259	20.190	ug/l	99
85) sec-Butylbenzene	11.94	105	208705	20.341	ug/l	100
86) p-Isopropyltoluene	12.06	119	190580	20.585	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	87373	19.671	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	89066	19.844	ug/l	97
89) n-Butylbenzene	12.38	91	159306	19.527	ug/l	99
90) Hexachloroethane	12.59	117	30952	18.752	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	88101	19.812	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18118	20.054	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52321	19.293	ug/l	99
94) Hexachlorobutadiene	13.78	225	23059	19.765	ug/l	96
95) Naphthalene	13.83	128	202264	20.614	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54814	20.177	ug/l	99

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

