

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012603.D
 Acq On : 23 Sep 2019 14:47
 Operator : JC/SP
 Sample : VX0923WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:05 AM

Quant Time: Sep 24 02:05:37 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	228925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	391314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	353445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140439	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	
35) Dibromofluoromethane	5.48	113	104577	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
50) Toluene-d8	8.71	98	397636	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
62) 4-Bromofluorobenzene	11.13	95	154577	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	42514	16.508	ug/l	99
3) Chloromethane	1.32	50	47116	15.932	ug/l	99
4) Vinyl Chloride	1.40	62	48369	16.455	ug/l	98
5) Bromomethane	1.63	94	23321	20.179	ug/l	96
6) Chloroethane	1.71	64	30647	15.466	ug/l	98
7) Trichlorofluoromethane	1.92	101	68184	16.522	ug/l	99
8) Diethyl Ether	2.18	74	27153	16.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43756	17.408	ug/l	96
10) Methyl Iodide	2.50	142	30549	15.347	ug/l	97
11) Tert butyl alcohol	3.03	59	64478	77.428	ug/l	98
12) 1,1-Dichloroethene	2.36	96	41669	16.929	ug/l	98
13) Acrolein	2.28	56	30721	73.746	ug/l	98
14) Allyl chloride	2.72	41	80835	16.553	ug/l	97
15) Acrylonitrile	3.13	53	135722	80.334	ug/l	100
16) Acetone	2.43	43	150507	85.237	ug/l	97
17) Carbon Disulfide	2.56	76	111318	16.132	ug/l	99
18) Methyl Acetate	2.76	43	65317	15.710	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	154653	16.600	ug/l	99
20) Methylene Chloride	2.84	84	47131	15.781	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	45625	16.732	ug/l	98
22) Diisopropyl ether	3.84	45	154087	16.330	ug/l	90
23) Vinyl Acetate	3.80	43	683543	82.605	ug/l	98
24) 1,1-Dichloroethane	3.69	63	83696	16.318	ug/l	98
25) 2-Butanone	4.65	43	207431	81.930	ug/l	95
26) 2,2-Dichloropropane	4.57	77	76501	16.770	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	51862	16.391	ug/l	97
28) Bromochloromethane	5.00	49	31372	16.845	ug/l	99
29) Tetrahydrofuran	5.11	42	123775	80.209	ug/l	98
30) Chloroform	5.19	83	85962	16.381	ug/l	97
31) Cyclohexane	5.57	56	79530	17.139	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	76031	16.348	ug/l	100
36) 1,1-Dichloropropene	5.78	75	64045	16.980	ug/l	97
37) Ethyl Acetate	4.82	43	74381	16.868	ug/l	98
38) Carbon Tetrachloride	5.77	117	64914	16.942	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	79949	17.607	ug/l	96
40) Benzene	6.13	78	187514	16.896	ug/l	98
41) Methacrylonitrile	5.02	41	40978	16.563	ug/l	96
42) 1,2-Dichloroethane	6.18	62	71753	17.026	ug/l	100
43) Isopropyl Acetate	6.43	43	122060	16.552	ug/l	99
44) Trichloroethene	7.20	130	48072	16.944	ug/l	95
45) 1,2-Dichloropropane	7.51	63	48057	16.914	ug/l	99
46) Dibromomethane	7.65	93	32327	16.711	ug/l	95
47) Bromodichloromethane	7.89	83	64863	16.776	ug/l	100
48) Methyl methacrylate	7.76	41	57324	16.212	ug/l	97
49) 1,4-Dioxane	7.73	88	26405	329.231	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	376242	82.653	ug/l	98
52) Toluene	8.78	92	119797	17.175	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	72533	16.956	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	79344	16.988	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	47248	17.038	ug/l	97
56) Ethyl methacrylate	9.17	69	78439	16.837	ug/l	95
57) 1,3-Dichloropropane	9.37	76	83508	17.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	191606	91.624	ug/l	100
59) 2-Hexanone	9.48	43	294192	84.433	ug/l	96
60) Dibromochloromethane	9.57	129	46913	16.712	ug/l	100
61) 1,2-Dibromoethane	9.67	107	49698	17.220	ug/l	99
64) Tetrachloroethene	9.33	164	42467	17.233	ug/l	98
65) Chlorobenzene	10.14	112	124780	16.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	45372	16.825	ug/l	99
67) Ethyl Benzene	10.25	91	231860	17.176	ug/l	99
68) m/p-Xylenes	10.35	106	174478	34.503	ug/l	100
69) o-Xylene	10.70	106	83627	17.091	ug/l	100
70) Styrene	10.71	104	139849	17.049	ug/l	99
71) Bromoform	10.85	173	30854	16.431	ug/l #	99
73) Isopropylbenzene	11.01	105	224824	17.397	ug/l	100
74) N-amyl acetate	10.89	43	103409	16.773	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	71566	16.721	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	61700m	14.700	ug/l	
77) Bromobenzene	11.25	156	49838	17.040	ug/l	96
78) n-propylbenzene	11.35	91	255584	17.567	ug/l	99
79) 2-Chlorotoluene	11.42	91	152897	16.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	188656	17.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23724	16.198	ug/l	99
82) 4-Chlorotoluene	11.51	91	180074	17.405	ug/l	98
83) tert-Butylbenzene	11.76	119	184090	17.610	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	191992	17.562	ug/l	99
85) sec-Butylbenzene	11.94	105	213867	17.589	ug/l	100
86) p-Isopropyltoluene	12.06	119	198515	18.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	91958	17.471	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	93152	17.514	ug/l	97
89) n-Butylbenzene	12.38	91	169036	17.485	ug/l	99
90) Hexachloroethane	12.59	117	32485	16.608	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	90831	17.237	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17341	16.197	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	56247	17.502	ug/l	97
94) Hexachlorobutadiene	13.78	225	24674	17.847	ug/l	98
95) Naphthalene	13.83	128	210283	18.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55668	17.292	ug/l	98

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

