

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052319\
 Data File : VX009862.D
 Acq On : 23 May 2019 16:41
 Operator : JC/SP
 Sample : VX0523WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:02:09 AM

Quant Time: May 24 04:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123136	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.50	113	86938	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	362254	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.13	95	130109	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28669	16.470	ug/l	97
3) Chloromethane	1.32	50	44655	18.791	ug/l	100
4) Vinyl Chloride	1.41	62	42601	18.384	ug/l	96
5) Bromomethane	1.64	94	26196	18.834	ug/l	99
6) Chloroethane	1.72	64	26907	18.085	ug/l	97
7) Trichlorofluoromethane	1.93	101	51918	18.431	ug/l	99
8) Diethyl Ether	2.19	74	24101	18.063	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31526	17.822	ug/l	100
10) Methyl Iodide	2.51	142	34565	19.867	ug/l	98
11) Tert butyl alcohol	3.05	59	58432	97.896	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31556	17.805	ug/l	97
13) Acrolein	2.29	56	42797	79.173	ug/l	98
14) Allyl chloride	2.73	41	79771	18.469	ug/l	98
15) Acrylonitrile	3.14	53	132470	90.769	ug/l	99
16) Acetone	2.45	43	139279	100.591	ug/l	96
17) Carbon Disulfide	2.57	76	90204	18.128	ug/l	99
18) Methyl Acetate	2.78	43	58740	17.839	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	124182	18.043	ug/l	99
20) Methylene Chloride	2.85	84	39193	17.482	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	34295	17.842	ug/l	94
22) Diisopropyl ether	3.85	45	157471	18.958	ug/l	94
23) Vinyl Acetate	3.81	43	695908	97.839	ug/l	98
24) 1,1-Dichloroethane	3.70	63	74299	18.132	ug/l	98
25) 2-Butanone	4.67	43	209832	97.523	ug/l	99
26) 2,2-Dichloropropane	4.59	77	56198	18.425	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	41100	17.914	ug/l	98
28) Bromochloromethane	5.01	49	39930	22.712	ug/l	96
29) Tetrahydrofuran	5.13	42	132558	95.740	ug/l	97
30) Chloroform	5.21	83	66853	18.039	ug/l	100
31) Cyclohexane	5.58	56	71806	18.835	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	55177	17.885	ug/l	98
36) 1,1-Dichloropropene	5.80	75	51805	18.655	ug/l	99
37) Ethyl Acetate	4.84	43	76864	19.865	ug/l	99
38) Carbon Tetrachloride	5.79	117	45355	17.976	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63839	18.719	ug/l	94
40) Benzene	6.15	78	159582	18.568	ug/l	100
41) Methacrylonitrile	5.04	41	42397	18.408	ug/l	99
42) 1,2-Dichloroethane	6.19	62	59560	19.319	ug/l	99
43) Isopropyl Acetate	6.45	43	119395	19.291	ug/l	99
44) Trichloroethene	7.21	130	37454	18.027	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45986	18.896	ug/l	95
46) Dibromomethane	7.66	93	25895	18.324	ug/l	99
47) Bromodichloromethane	7.90	83	51430	18.244	ug/l	100
48) Methyl methacrylate	7.77	41	60140	19.586	ug/l	97
49) 1,4-Dioxane	7.74	88	22320	358.439	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	398407	98.487	ug/l	98
52) Toluene	8.79	92	95985	18.373	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58870	18.497	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64412	18.285	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	38737	18.175	ug/l	95
56) Ethyl methacrylate	9.18	69	71158	18.703	ug/l	96
57) 1,3-Dichloropropane	9.37	76	69294	18.475	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	190394	94.332	ug/l	99
59) 2-Hexanone	9.49	43	312550	98.375	ug/l	97
60) Dibromochloromethane	9.58	129	36994	17.771	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39662	18.435	ug/l	100
64) Tetrachloroethene	9.34	164	34709	18.628	ug/l	97
65) Chlorobenzene	10.14	112	98453	18.119	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	35597	18.070	ug/l	98
67) Ethyl Benzene	10.25	91	185571	18.557	ug/l	99
68) m/p-Xylenes	10.36	106	135186	36.993	ug/l	97
69) o-Xylene	10.70	106	65604	18.195	ug/l	98
70) Styrene	10.71	104	115141	18.373	ug/l	99
71) Bromoform	10.85	173	27851	17.397	ug/l #	99
73) Isopropylbenzene	11.02	105	176114	18.412	ug/l	99
74) N-amyl acetate	10.90	43	107509	19.279	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	65020	18.235	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	56612m	18.554	ug/l	
77) Bromobenzene	11.26	156	42421	17.868	ug/l	97
78) n-propylbenzene	11.36	91	204277	18.700	ug/l	100
79) 2-Chlorotoluene	11.42	91	121407	18.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148425	18.429	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19950	16.730	ug/l	90
82) 4-Chlorotoluene	11.51	91	140001	18.388	ug/l	99
83) tert-Butylbenzene	11.77	119	141516	18.063	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	150901	18.667	ug/l	99
85) sec-Butylbenzene	11.94	105	170700	18.377	ug/l	100
86) p-Isopropyltoluene	12.06	119	155058	18.569	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76673	18.116	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76499	17.929	ug/l	98
89) n-Butylbenzene	12.38	91	140920	18.671	ug/l	100
90) Hexachloroethane	12.60	117	24679	17.347	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	76437	17.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14652	18.317	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53411	18.119	ug/l	99
94) Hexachlorobutadiene	13.78	225	28066	18.644	ug/l	98
95) Naphthalene	13.83	128	173029	18.042	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54001	18.072	ug/l	98

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

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