

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008958.D
 Acq On : 15 Apr 2019 13:49
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041519

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:53:17 AM

Quant Time: Apr 16 03:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161327	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	120755	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	494203	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.13	95	177202	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	149030	56.442	ug/l	100
3) Chloromethane	1.32	50	172382	53.179	ug/l	100
4) Vinyl Chloride	1.41	62	164489	52.136	ug/l	99
5) Bromomethane	1.64	94	98174	49.715	ug/l	99
6) Chloroethane	1.71	64	96171	51.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	191318	51.937	ug/l	98
8) Diethyl Ether	2.18	74	83742	49.709	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123959	52.632	ug/l	99
10) Methyl Iodide	2.51	142	121095	47.288	ug/l	100
11) Tert butyl alcohol	3.05	59	178592	249.042	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122993	50.031	ug/l	98
13) Acrolein	2.29	56	142495	229.973	ug/l	99
14) Allyl chloride	2.73	41	280724	52.341	ug/l	99
15) Acrylonitrile	3.14	53	453762	249.267	ug/l	99
16) Acetone	2.44	43	410493	245.021	ug/l	100
17) Carbon Disulfide	2.57	76	370087	51.200	ug/l	100
18) Methyl Acetate	2.77	43	199399	47.689	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	450620	51.444	ug/l	100
20) Methylene Chloride	2.85	84	139855	48.815	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	129773	49.492	ug/l	95
22) Diisopropyl ether	3.85	45	534154	51.253	ug/l	90
23) Vinyl Acetate	3.81	43	2423453	264.533	ug/l	99
24) 1,1-Dichloroethane	3.70	63	263433	50.354	ug/l	100
25) 2-Butanone	4.67	43	682388	254.821	ug/l	97
26) 2,2-Dichloropropane	4.58	77	206596	52.682	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	147607	49.582	ug/l	98
28) Bromochloromethane	5.01	49	111564	51.395	ug/l	100
29) Tetrahydrofuran	5.12	42	446975	249.375	ug/l	99
30) Chloroform	5.21	83	238851	51.020	ug/l	98
31) Cyclohexane	5.57	56	271197	52.705	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	199927	51.526	ug/l	100
36) 1,1-Dichloropropene	5.79	75	192713	51.466	ug/l	99
37) Ethyl Acetate	4.83	43	256565	53.248	ug/l	100
38) Carbon Tetrachloride	5.78	117	169870	53.511	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254823	55.894	ug/l	99
40) Benzene	6.14	78	576267	52.167	ug/l	99
41) Methacrylonitrile	5.04	41	144805	52.364	ug/l	99
42) 1,2-Dichloroethane	6.19	62	202661	51.790	ug/l	99
43) Isopropyl Acetate	6.44	43	410670	52.889	ug/l	100
44) Trichloroethene	7.21	130	139029	51.366	ug/l	99
45) 1,2-Dichloropropane	7.51	63	160240	52.288	ug/l	100
46) Dibromomethane	7.66	93	91526	51.318	ug/l	99
47) Bromodichloromethane	7.90	83	185356	52.987	ug/l	100
48) Methyl methacrylate	7.77	41	206636	53.859	ug/l	100
49) 1,4-Dioxane	7.74	88	72398	1008.192	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1290721	260.925	ug/l	100
52) Toluene	8.78	92	347495	52.489	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	222226	55.200	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	243526	54.023	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	137367	52.353	ug/l	97
56) Ethyl methacrylate	9.18	69	253555	53.893	ug/l	99
57) 1,3-Dichloropropane	9.37	76	244569	52.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	785187	309.917	ug/l	99
59) 2-Hexanone	9.49	43	986991	258.794	ug/l	100
60) Dibromochloromethane	9.58	129	138402	55.037	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142492	52.618	ug/l	99
64) Tetrachloroethene	9.34	164	127673	52.115	ug/l	98
65) Chlorobenzene	10.13	112	357054	52.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	129519	54.014	ug/l	99
67) Ethyl Benzene	10.25	91	668283	53.708	ug/l	100
68) m/p-Xylenes	10.36	106	485431	107.347	ug/l	99
69) o-Xylene	10.69	106	232489	52.838	ug/l	97
70) Styrene	10.71	104	412441	54.091	ug/l	100
71) Bromoform	10.85	173	103003	53.918	ug/l #	99
73) Isopropylbenzene	11.02	105	635252	54.350	ug/l	100
74) N-amyl acetate	10.90	43	352423	52.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	214650	50.262	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189748m	50.394	ug/l	
77) Bromobenzene	11.26	156	151542	51.387	ug/l	99
78) n-propylbenzene	11.36	91	747551	55.723	ug/l	100
79) 2-Chlorotoluene	11.42	91	430433	53.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	536165	54.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	79603	54.276	ug/l	98
82) 4-Chlorotoluene	11.51	91	500131	53.269	ug/l	100
83) tert-Butylbenzene	11.77	119	509200	54.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	538513	53.937	ug/l	100
85) sec-Butylbenzene	11.94	105	625867	55.726	ug/l	100
86) p-Isopropyltoluene	12.06	119	565033	54.721	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270622	52.431	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	271804	51.948	ug/l	99
89) n-Butylbenzene	12.38	91	544032	56.573	ug/l	100
90) Hexachloroethane	12.60	117	95833	56.264	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	262064	51.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48588	49.969	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194688	52.916	ug/l	99
94) Hexachlorobutadiene	13.78	225	101718	55.432	ug/l	100
95) Naphthalene	13.83	128	610408	51.784	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192759	53.099	ug/l	99

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

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