Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
Data File : VX008896.D
Acq On : 12 Apr 2019 19:01
Operator : JC/SP
Sample : K2366-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ118I-20190409MSD

Manual Integrations APPROVED
MMDadoda
4/13/2019 2:11:46 PM

Quant Time: Apr 13 05:58:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106509	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.82%			
35) Dibromofluoromethane	5.49	113	79365	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.22%			
50) Toluene-d8	8.71	98	312482	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.16%			
62) 4-Bromofluorobenzene	11.13	95	111658	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	103632	57.213	ug/l	100
3) Chloromethane	1.32	50	123049	55.620	ug/l	100
4) Vinyl Chloride	1.41	62	118106	48.234	ug/l	98
5) Bromomethane	1.64	94	69050	56.972	ug/l	98
6) Chloroethane	1.71	64	67874	50.805	ug/l	100
7) Trichlorofluoromethane	1.92	101	133704	49.397	ug/l	100
8) Diethyl Ether	2.19	74	60547	47.170	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83529	47.931	ug/l	98
10) Methyl Iodide	2.51	142	93712	58.320	ug/l	99
11) Tert butyl alcohol	3.06	59	157464	293.048	ug/l	99
12) 1,1-Dichloroethene	2.37	96	87977	48.360	ug/l	97
13) Acrolein	2.29	56	74365	279.109	ug/l	98
14) Allyl chloride	2.73	41	205389	49.317	ug/l	98
15) Acrylonitrile	3.15	53	364558	256.102	ug/l	100
16) Acetone	2.45	43	319659	241.807	ug/l	98
17) Carbon Disulfide	2.56	76	261216	49.719	ug/l	100
18) Methyl Acetate	2.78	43	141945	44.273	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	329149	50.663	ug/l	99
20) Methylene Chloride	2.85	84	104181	47.081	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	93262	47.394	ug/l	93
22) Diisopropyl ether	3.86	45	394972	49.206	ug/l	96
23) Vinyl Acetate	3.82	43	1595826	228.532	ug/l	99
24) 1,1-Dichloroethane	3.70	63	195429	49.174	ug/l	99
25) 2-Butanone	4.68	43	551079	263.750	ug/l	100
26) 2,2-Dichloropropane	4.59	77	117163	41.857	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	107683	47.597	ug/l	98
28) Bromochloromethane	5.02	49	86254	52.082	ug/l	100
29) Tetrahydrofuran	5.13	42	366069	263.970	ug/l	99
30) Chloroform	5.21	83	174695	49.215	ug/l	99
31) Cyclohexane	5.58	56	189970	47.905	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	143545	50.042	ug/l	99
36) 1,1-Dichloropropene	5.80	75	135672	47.602	ug/l	99
37) Ethyl Acetate	4.84	43	182437	47.956	ug/l	99
38) Carbon Tetrachloride	5.79	117	119629	50.713	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	168213	47.777	ug/l		98
40) Benzene	6.14	78	420386	49.511	ug/l		100
41) Methacrylonitrile	5.04	41	113730	52.009	ug/l		99
42) 1,2-Dichloroethane	6.20	62	148677	48.843	ug/l		99
43) Isopropyl Acetate	6.45	43	294559	49.427	ug/l		99
44) Trichloroethene	7.21	130	97946	49.529	ug/l		97
45) 1,2-Dichloropropane	7.51	63	118517	48.904	ug/l		98
46) Dibromomethane	7.66	93	67963	48.352	ug/l		98
47) Bromodichloromethane	7.90	83	134021	50.570	ug/l		99
48) Methyl methacrylate	7.77	41	159127	52.786	ug/l		99
49) 1,4-Dioxane	7.74	88	60934	1079.019	ug/l		97
51) 4-Methyl-2-Pentanone	8.64	43	1030014	268.491	ug/l		100
52) Toluene	8.79	92	250466	50.035	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	153616	51.745	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	170428	50.242	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	100346	49.940	ug/l		99
56) Ethyl methacrylate	9.18	69	188531	51.857	ug/l		99
57) 1,3-Dichloropropane	9.37	76	180006	49.889	ug/l		100
59) 2-Hexanone	9.49	43	784744	263.215	ug/l		100
60) Dibromochloromethane	9.59	129	98406	51.972	ug/l		99
61) 1,2-Dibromoethane	9.67	107	104136	49.783	ug/l		99
64) Tetrachloroethene	9.34	164	85941	50.179	ug/l		99
65) Chlorobenzene	10.14	112	251360	49.053	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92001	51.178	ug/l		99
67) Ethyl Benzene	10.25	91	472399	49.440	ug/l		99
68) m/p-Xylenes	10.36	106	339643	98.862	ug/l		99
69) o-Xylene	10.70	106	165446	49.692	ug/l		98
70) Styrene	10.71	104	288221	50.220	ug/l		99
71) Bromoform	10.86	173	73337	53.415	ug/l	#	97
73) Isopropylbenzene	11.02	105	439348	50.361	ug/l		100
74) N-amyl acetate	10.90	43	232608	45.319	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161062	48.544	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	139071m	48.091	ug/l		
77) Bromobenzene	11.26	156	106314	50.692	ug/l		97
78) n-propylbenzene	11.36	91	507878	49.998	ug/l		100
79) 2-Chlorotoluene	11.42	91	299609	48.740	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	367828	50.229	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	53375	50.878	ug/l		98
82) 4-Chlorotoluene	11.51	91	345601	48.570	ug/l		98
83) tert-Butylbenzene	11.77	119	356294	50.572	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	370033	49.903	ug/l		99
85) sec-Butylbenzene	11.94	105	419719	50.154	ug/l		99
86) p-Isopropyltoluene	12.06	119	380111	50.606	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	184512	49.144	ug/l		100
88) 1,4-Dichlorobenzene	12.10	146	182831	48.089	ug/l		99
89) n-Butylbenzene	12.38	91	347537	49.338	ug/l		99
90) Hexachloroethane	12.60	117	63988	51.363	ug/l		96
91) 1,2-Dichlorobenzene	12.39	146	181979	48.817	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37150	50.900	ug/l		98
93) 1,2,4-Trichlorobenzene	13.65	180	128228	49.472	ug/l		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63698	51.244	ug/l	99
95) Naphthalene	13.83	128	436429	50.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128729	49.709	ug/l	99

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

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