Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041519\
Data File : VX008971.D
Acq On : 15 Apr 2019 19:29
Operator : JC/SP
Sample : K2385-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M-16-190410MSD

Manual Integrations APPROVED
MMDadoda
4/16/2019 10:53:39 AM

Quant Time: Apr 16 04:55:49 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	205160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159501	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.34%			
35) Dibromofluoromethane	5.50	113	118159	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.56%			
50) Toluene-d8	8.71	98	477212	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.94%			
62) 4-Bromofluorobenzene	11.13	95	165919	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134338	56.849	ug/l	100
3) Chloromethane	1.32	50	159374	54.936	ug/l	99
4) Vinyl Chloride	1.41	62	152540	54.023	ug/l	100
5) Bromomethane	1.64	94	92712	52.247	ug/l	99
6) Chloroethane	1.71	64	91106	54.871	ug/l	96
7) Trichlorofluoromethane	1.93	101	176301	53.478	ug/l	98
8) Diethyl Ether	2.19	74	79999	53.061	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110467	52.408	ug/l	100
10) Methyl Iodide	2.51	142	129586	55.679	ug/l	99
11) Tert butyl alcohol	3.05	59	159541	248.588	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115709	52.593	ug/l	96
13) Acrolein	2.29	56	130710	235.713	ug/l	100
14) Allyl chloride	2.73	41	262823	54.755	ug/l	99
15) Acrylonitrile	3.14	53	431987	265.158	ug/l	100
16) Acetone	2.45	43	358675	239.220	ug/l	99
17) Carbon Disulfide	2.57	76	341513	52.753	ug/l	99
18) Methyl Acetate	2.78	43	180530	48.244	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	427925	54.588	ug/l	99
20) Methylene Chloride	2.85	84	131889	51.437	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	122593	52.241	ug/l	98
22) Diisopropyl ether	3.85	45	510658	54.749	ug/l	98
23) Vinyl Acetate	3.81	43	2175354	265.322	ug/l	99
24) 1,1-Dichloroethane	3.70	63	252757	53.984	ug/l	99
25) 2-Butanone	4.67	43	627414	261.791	ug/l	99
26) 2,2-Dichloropropane	4.58	77	175713	50.066	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	150303	56.413	ug/l	99
28) Bromochloromethane	5.01	49	117880	61.041	ug/l	100
29) Tetrahydrofuran	5.13	42	421575	262.811	ug/l	100
30) Chloroform	5.21	83	227756	54.360	ug/l	99
31) Cyclohexane	5.58	56	249287	54.133	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	189266	54.504	ug/l	100
36) 1,1-Dichloropropene	5.80	75	178571	51.370	ug/l	99
37) Ethyl Acetate	4.84	43	233186	52.132	ug/l	99
38) Carbon Tetrachloride	5.79	117	158987	53.949	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	222111	52.479	ug/l		97
40) Benzene	6.14	78	548099	53.448	ug/l		100
41) Methacrylonitrile	5.04	41	137386	53.516	ug/l		99
42) 1,2-Dichloroethane	6.19	62	192319	52.941	ug/l		100
43) Isopropyl Acetate	6.45	43	380770	52.824	ug/l		100
44) Trichloroethene	7.21	130	133058	52.955	ug/l		99
45) 1,2-Dichloropropane	7.51	63	154151	54.184	ug/l		99
46) Dibromomethane	7.66	93	87458	52.822	ug/l		99
47) Bromodichloromethane	7.90	83	177158	54.553	ug/l		97
48) Methyl methacrylate	7.77	41	196755	55.242	ug/l		99
49) 1,4-Dioxane	7.74	88	61829	927.476	ug/l		99
51) 4-Methyl-2-Pentanone	8.64	43	1223913	266.519	ug/l		99
52) Toluene	8.79	92	327052	53.214	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	206912	55.363	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	226430	54.108	ug/l		100
55) 1,1,2-Trichloroethane	9.21	97	131301	53.904	ug/l		97
56) Ethyl methacrylate	9.18	69	239128	54.750	ug/l		99
57) 1,3-Dichloropropane	9.37	76	232712	53.658	ug/l		99
59) 2-Hexanone	9.49	43	914557	258.312	ug/l		100
60) Dibromochloromethane	9.58	129	130089	55.724	ug/l		100
61) 1,2-Dibromoethane	9.67	107	134576	53.531	ug/l		99
64) Tetrachloroethene	9.34	164	145468	64.254	ug/l		99
65) Chlorobenzene	10.13	112	330003	52.463	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121785	54.958	ug/l		99
67) Ethyl Benzene	10.25	91	617690	53.718	ug/l		99
68) m/p-Xylenes	10.36	106	444573	106.384	ug/l		100
69) o-Xylene	10.69	106	215491	52.996	ug/l		99
70) Styrene	10.71	104	367109	52.099	ug/l		99
71) Bromoform	10.85	173	95663	54.187	ug/l	#	98
73) Isopropylbenzene	11.02	105	574047	55.468	ug/l		100
74) N-amyl acetate	10.90	43	310717	52.289	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.27	83	203055	53.699	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	177764m	53.320	ug/l		
77) Bromobenzene	11.26	156	138915	53.200	ug/l		100
78) n-propylbenzene	11.36	91	659048	55.482	ug/l		99
79) 2-Chlorotoluene	11.42	91	389075	54.355	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	480849	55.368	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	71388	54.972	ug/l		97
82) 4-Chlorotoluene	11.51	91	448471	53.947	ug/l		100
83) tert-Butylbenzene	11.77	119	456425	54.740	ug/l		100
84) 1,2,4-Trimethylbenzene	11.80	105	487723	55.171	ug/l		99
85) sec-Butylbenzene	11.94	105	546784	54.984	ug/l		99
86) p-Isopropyltoluene	12.06	119	495345	54.179	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	242007	52.954	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	241556	52.140	ug/l		99
89) n-Butylbenzene	12.38	91	459320	53.944	ug/l		100
90) Hexachloroethane	12.60	117	84894	56.291	ug/l		100
91) 1,2-Dichlorobenzene	12.39	146	238705	52.894	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44910	52.163	ug/l		98
93) 1,2,4-Trichlorobenzene	13.65	180	167186	51.320	ug/l		100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	82011	50.475	ug/l	99
95) Naphthalene	13.83	128	547746	52.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165761	51.570	ug/l	100

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

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