Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092718\
Data File : VX004809.D
Acq On : 28 Sep 2018 07:44
Operator : JC/MD
Sample : J5020-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918MSD

Manual Integrations APPROVED
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9/28/2018 2:26:13 PM

Quant Time: Sep 28 08:42:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	201103	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	330779	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	305290	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178879	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	169486	59.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 118.00%				
35) Dibromofluoromethane	5.50	113	134780	48.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.16%				
50) Toluene-d8	8.72	98	464851	49.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.76%				
62) 4-Bromofluorobenzene	11.14	95	170854	50.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	134372	49.006	ug/l		97
3) Chloromethane	1.32	50	203705	61.234	ug/l		99
4) Vinyl Chloride	1.41	62	199233	63.854	ug/l		93
5) Bromomethane	1.64	94	85825	46.387	ug/l		96
6) Chloroethane	1.71	64	136428	81.710	ug/l		99
7) Trichlorofluoromethane	1.92	101	200086	51.800	ug/l		88
8) Diethyl Ether	2.19	74	107500	64.062	ug/l		89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84622	38.460	ug/l		97
10) Methyl Iodide	2.51	142	114659	38.942	ug/l		98
11) Tert butyl alcohol	3.08	59	236000	293.806	ug/l		100
12) 1,1-Dichloroethene	2.37	96	121689	55.846	ug/l		97
13) Acrolein	2.29	56	140471	245.790	ug/l		91
14) Allyl chloride	2.73	41	290485	61.098	ug/l		95
15) Acrylonitrile	3.15	53	547356	309.545	ug/l		98
16) Acetone	2.45	43	499785	297.993	ug/l		96
17) Carbon Disulfide	2.57	76	363646	55.538	ug/l		100
18) Methyl Acetate	2.78	43	251933	59.288	ug/l		93
19) Methyl tert-butyl Ether	3.20	73	538015	71.581	ug/l		97
20) Methylene Chloride	2.85	84	158844	65.398	ug/l		94
21) trans-1,2-Dichloroethene	3.16	96	134860	56.537	ug/l		95
22) Diisopropyl ether	3.87	45	514518	64.266	ug/l		95
23) Vinyl Acetate	3.82	43	2121882	289.542	ug/l		96
24) 1,1-Dichloroethane	3.70	63	269073	56.342	ug/l		98
25) 2-Butanone	4.70	43	752400	304.344	ug/l		100
26) 2,2-Dichloropropane	4.59	77	124798	37.527	ug/l		97
27) cis-1,2-Dichloroethene	4.59	96	156826	58.853	ug/l		97
28) Bromochloromethane	5.02	49	138641	61.647	ug/l		89
29) Tetrahydrofuran	5.16	42	483190	314.462	ug/l		92
30) Chloroform	5.21	83	261212	57.873	ug/l		98
31) Cyclohexane	5.57	56	142541	38.997	ug/l	#	83
32) 1,1,1-Trichloroethane	5.49	97	204195	55.396	ug/l		98
36) 1,1-Dichloropropene	5.80	75	160627	41.995	ug/l		99
37) Ethyl Acetate	4.86	43	244383	48.134	ug/l		98
38) Carbon Tetrachloride	5.78	117	160179	39.839	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111428	28.530	ug/l	96
40) Benzene	6.15	78	585745	48.916	ug/l	98
41) Methacrylonitrile	5.06	41	151600	53.842	ug/l	95
42) 1,2-Dichloroethane	6.20	62	220895	52.183	ug/l	97
43) Isopropyl Acetate	6.46	43	385113	52.553	ug/l	98
44) Trichloroethene	7.21	130	138668	47.107	ug/l	93
45) 1,2-Dichloropropane	7.52	63	161758	55.085	ug/l	99
46) Dibromomethane	7.66	93	104318	56.526	ug/l	98
47) Bromodichloromethane	7.90	83	197585	57.184	ug/l	99
48) Methyl methacrylate	7.77	41	211166	63.487	ug/l	93
49) 1,4-Dioxane	7.76	88	81611	987.626	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1411914	306.000	ug/l	95
52) Toluene	8.79	92	341155	51.849	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	206229	52.817	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	219365	53.638	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	156690	54.365	ug/l	97
56) Ethyl methacrylate	9.18	69	251050	53.467	ug/l	94
57) 1,3-Dichloropropane	9.37	76	264044	55.045	ug/l	99
59) 2-Hexanone	9.50	43	1117681	290.683	ug/l	93
60) Dibromochloromethane	9.59	129	158515	54.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162256	52.567	ug/l	100
64) Tetrachloroethene	9.34	164	106405	35.413	ug/l	96
65) Chlorobenzene	10.14	112	380577	48.614	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	143982	52.316	ug/l	99
67) Ethyl Benzene	10.26	91	589556	47.435	ug/l	98
68) m/p-Xylenes	10.36	106	458676	94.440	ug/l	94
69) o-Xylene	10.70	106	233076	52.248	ug/l	96
70) Styrene	10.71	104	403402	48.421	ug/l	97
71) Bromoform	10.86	173	129334	54.891	ug/l	97
73) Isopropylbenzene	11.02	105	604523	53.616	ug/l	99
74) N-amyl acetate	10.90	43	334443	53.828	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266085	57.975	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232409m	57.967	ug/l	
77) Bromobenzene	11.26	156	177387	54.166	ug/l	98
78) n-propylbenzene	11.36	91	612841	47.372	ug/l	99
79) 2-Chlorotoluene	11.42	91	408803	50.697	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	472918	45.747	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	65402	44.709	ug/l	98
82) 4-Chlorotoluene	11.51	91	481728	50.755	ug/l	99
83) tert-Butylbenzene	11.77	119	474489	51.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	507066	47.570	ug/l	98
85) sec-Butylbenzene	11.94	105	524731	46.407	ug/l	99
86) p-Isopropyltoluene	12.07	119	443458	43.288	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	302032	49.390	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310505	49.188	ug/l	99
89) n-Butylbenzene	12.39	91	383540	41.224	ug/l	97
90) Hexachloroethane	12.60	117	75782	44.430	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	324187	50.728	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64629	64.132	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	231931	51.736	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	76894	33.078	ug/l	99
95) Naphthalene	13.83	128	863272	57.903	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	248830	53.732	ug/l	99

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

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