Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015559.D
Acq On : 08 Jun 2018 11:00
Operator : SJ/JU
Sample : SSTD02093
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02093

Manual Integrations APPROVED
Sohil
6/11/2018 3:59:10 PM

Quant Time: Jun 08 11:57:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 08 11:55:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	74891	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	383354	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	254571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	630157	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	774894	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	851011	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	12063	7.75	ng/uL	0.00
5) Phenol-d5	7.49	99	127412	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	81663	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	101389	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	110358	22.62	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	50826	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	54639	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	114527	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	158779	24.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	414552	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	445915	17.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	77468	23.73	ng/ul	0.00
57) Fluorene-d10	15.94	176	348715	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	66707	24.80	ng/ul	0.00
70) Anthracene-d10	17.79	188	564236	19.01	ng/ul	0.00
78) Pyrene-d10	20.03	212	654881	16.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.05	264	838256	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	12600m	7.517	ng/uL	
4) Benzaldehyde	7.47	77	82940	24.290	ng/ul	90
6) Phenol	7.52	94	132821	22.773	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.76	93	102619	22.261	ng/ul#	89
10) 2-Chlorophenol	7.90	128	104451	21.465	ng/ul	93
11) 2-Methylphenol	8.79	108	101755	22.911	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.87	45	174536	20.426	ng/ul#	88
14) Acetophenone	9.19	105	177158	24.547	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.16	70	95991	24.859	ng/ul#	75
16) 4-Methylphenol	9.12	108	113611	23.802	ng/ul	100
17) Hexachloroethane	9.44	117	41457	21.023	ng/ul	98
20) Nitrobenzene	9.57	77	134595	21.408	ng/ul	92
21) Isophorone	10.09	82	263714	21.482	ng/ul	98
23) 2-Nitrophenol	10.29	139	63895	24.755	ng/ul#	88
24) 2,4-Dimethylphenol	10.33	107	140220	21.502	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.57	93	157725	20.881	ng/ul	99
27) 2,4-Dichlorophenol	10.82	162	114040	21.474	ng/ul	98
28) Naphthalene	11.23	128	376068	20.122	ng/ul	99
30) 4-Chloroaniline	11.34	127	162366	26.545	ng/ul	99
31) Hexachlorobutadiene	11.49	225	68569	19.345	ng/ul	97
32) Caprolactam	12.11	113	41524	26.116	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.43	107	138175	24.458	ng/ul	97
34) 2-Methylnaphthalene	12.82	142	289027	21.679	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	141853	17.554	ng/ul	97
37) Hexachlorocyclopentadiene	13.14	237	39447	7.325	ng/ul	97
38) 2,4,6-Trichlorophenol	13.41	196	93823	19.548	ng/ul	97
39) 2,4,5-Trichlorophenol	13.49	196	106081	21.099	ng/ul	98
40) 1,1'-Biphenyl	13.80	154	383551	18.814	ng/ul	99
41) 2-Chloronaphthalene	13.86	162	297739	18.846	ng/ul	97
42) 2-Nitroaniline	14.06	65	93613	25.429	ng/ul#	79
44) Dimethylphthalate	14.41	163	424030	21.879	ng/ul	100
45) 2,6-Dinitrotoluene	14.54	165	80517	25.723	ng/ul#	87
47) Acenaphthylene	14.69	152	467372	19.288	ng/ul	99
48) 3-Nitroaniline	14.87	138	81252	25.697	ng/ul	93
49) Acenaphthene	15.03	153	339470	20.065	ng/ul	98
50) 2,4-Dinitrophenol	15.09	184	39512	29.167	ng/ul#	1
52) 4-Nitrophenol	15.16	109	71204	28.695	ng/ul	82
53) Dibenzofuran	15.36	168	480661	20.704	ng/ul	100
54) 2,4-Dinitrotoluene	15.33	165	124664	27.589	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.58	232	95882	22.416	ng/ul	97
56) Diethylphthalate	15.75	149	448913	23.152	ng/ul	98
58) Fluorene	16.00	166	399806	21.141	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	198606	20.504	ng/ul	98
60) 4-Nitroaniline	16.03	138	91912	25.734	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.09	198	73582	25.341	ng/ul#	89
64) N-Nitrosodiphenylamine	16.20	169	354623	18.836	ng/ul	99
65) 4-Bromophenyl-phenylether	16.87	248	124578	17.634	ng/ul	95
66) Hexachlorobenzene	16.99	284	143891	18.216	ng/ul	98
67) Atrazine	17.13	200	135661	20.688	ng/ul	100
68) Pentachlorophenol	17.33	266	77600	18.693	ng/ul	98
69) Phenanthrene	17.73	178	676071	20.025	ng/ul	99
71) Anthracene	17.82	178	686755	19.979	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	147911	15.310	ng/uL	99
73) Pentachlorobenzene	15.27	250	155693	16.728	ng/uL	100
74) Carbazole	18.09	167	632349	22.221	ng/ul	99
75) Di-n-butylphthalate	18.60	149	771004	21.824	ng/ul	99
76) Fluoranthene	19.70	202	819351	23.465	ng/ul	100
79) Pyrene	20.06	202	855379	17.668	ng/ul	100
80) Butylbenzylphthalate	20.91	149	381203	22.497	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.69	252	330866	23.591	ng/ul	99
82) Benzo(a)anthracene	21.77	228	927576	20.414	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	567715	22.467	ng/ul	98
84) Chrysene	21.83	228	863408	20.347	ng/ul	100
86) Di-n-octyl phthalate	22.58	149	1002509	20.086	ng/ul#	88
87) Benzo(b)fluoranthene	23.47	252	991075	19.412	ng/ul	99
88) Benzo(k)fluoranthene	23.51	252	942196	19.177	ng/ul	100
90) Benzo(a)pyrene	24.10	252	949922	19.879	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.70	276	1198823	22.370	ng/ul	97
92) Dibenzo(a,h)anthracene	26.70	278	1013694	22.557	ng/ul	98
93) Benzo(g,h,i)perylene	27.47	276	997068	22.885	ng/ul	96

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

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