Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090817\
Data File : BM011471.D
Acq On : 08 Sep 2017 14:26
Operator : SJ/JU
Sample : SSTD02004
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02004

Manual Integrations APPROVED
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9/11/2017 4:45:45 PM

Quant Time: Sep 08 15:23:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 15:18:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	477094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	2176047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1279878	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2868170	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3255295	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	3031343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	85393	11.60	ng/uL	0.00
5) Phenol-d5	7.13	99	887893	24.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	620152	34.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	691206	22.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	701058	21.79	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	334084	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	340457	17.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	699666	18.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	677168	17.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	2208660	19.07	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2680228	21.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	389522	22.39	ng/ul	0.00
58) Fluorene-d10	15.60	176	1893005	17.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.71	200	302510	14.81	ng/ul	0.00
71) Anthracene-d10	17.44	188	2871427	20.91	ng/ul	0.00
79) Pyrene-d10	19.73	212	3088288	21.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2893588	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	93270	11.817	ng/uL#	78
4) Benzaldehyde	7.12	77	563371	31.592	ng/ul	93
6) Phenol	7.16	94	887367	25.389	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.40	93	706773	28.568	ng/ul#	86
10) 2-Chlorophenol	7.54	128	672559	24.033	ng/ul	93
11) 2-Methylphenol	8.41	108	671096	24.627	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.51	45	1170285	36.034	ng/ul#	93
14) Acetophenone	8.80	105	1080743	23.124	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.79	70	590304	26.906	ng/ul#	81
16) 4-Methylphenol	8.74	108	742430	24.556	ng/ul	94
17) Hexachloroethane	9.06	117	254033	22.690	ng/ul	80
20) Nitrobenzene	9.19	77	779054	23.852	ng/ul	92
21) Isophorone	9.71	82	1579441	25.305	ng/ul#	98
23) 2-Nitrophenol	9.90	139	363351	19.466	ng/ul#	92
24) 2,4-Dimethylphenol	9.95	107	782202	20.951	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.19	93	1018892	28.102	ng/ul	97
27) 2,4-Dichlorophenol	10.43	162	674638	18.569	ng/ul	99
28) Naphthalene	10.84	128	2263182	23.043	ng/ul	98
30) 4-Chloroaniline	10.94	127	649338	17.743	ng/ul	98
31) Hexachlorobutadiene	11.12	225	375270	11.939	ng/ul	97
32) Caprolactam	11.72	113	203045m	17.413	ng/ul	
33) 4-Chloro-3-methylphenol	12.06	107	708930	20.027	ng/ul	94
34) 2-Methylnaphthalene	12.44	142	1684774	19.876	ng/ul	100

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35) 1-Methylnaphthalene	12.66	142	1603036	19.504	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	774823	15.714	ng/ul#	96
38) Hexachlorocyclopentadiene	12.78	237	404235	13.982	ng/ul	98
39) 2,4,6-Trichlorophenol	13.04	196	522735	17.762	ng/ul	99
40) 2,4,5-Trichlorophenol	13.12	196	532292	17.024	ng/ul	96
41) 1,1'-Biphenyl	13.45	154	2168520	23.311	ng/ul#	93
42) 2-Chloronaphthalene	13.49	162	1615883	21.537	ng/ul	99
43) 2-Nitroaniline	13.69	65	512469	28.981	ng/ul	86
45) Dimethylphthalate	14.06	163	2115361	19.934	ng/ul#	99
46) 2,6-Dinitrotoluene	14.18	165	374491	17.580	ng/ul	96
48) Acenaphthylene	14.33	152	2710519	22.824	ng/ul	99
49) 3-Nitroaniline	14.51	138	438180	24.751	ng/ul	99
50) Acenaphthene	14.67	153	1798837	22.120	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	198365	14.589	ng/ul#	70
53) 4-Nitrophenol	14.80	109	247483	17.488	ng/ul#	52
54) Dibenzofuran	15.00	168	2529000	20.454	ng/ul	98
55) 2,4-Dinitrotoluene	14.96	165	550139	17.293	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	15.23	232	483367	14.517	ng/ul#	79
57) Diethylphthalate	15.42	149	2197596	19.726	ng/ul	95
59) Fluorene	15.65	166	2149415	20.037	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	991628	15.476	ng/ul	91
61) 4-Nitroaniline	15.67	138	477934	22.730	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.72	198	318798	16.291	ng/ul	95
65) N-Nitrosodiphenylamine	15.86	169	1771750	24.472	ng/ul	100
66) 4-Bromophenyl-phenylether	16.54	248	584447	15.847	ng/ul	94
67) Hexachlorobenzene	16.65	284	639799	15.255	ng/ul#	88
68) Atrazine	16.80	200	592325	17.148	ng/ul	96
69) Pentachlorophenol	16.99	266	379308	17.323	ng/ul	98
70) Phenanthrene	17.39	178	3282060	23.016	ng/ul	99
72) Anthracene	17.48	178	3404974	22.933	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	772683	19.315	ng/uL	98
74) Pentachlorobenzene	14.92	250	782874	13.169	ng/uL	99
75) Carbazole	17.74	167	3011038	24.765	ng/ul	98
76) Di-n-butylphthalate	18.30	149	3959503	29.329	ng/ul	99
77) Fluoranthene	19.40	202	3741245	20.528	ng/ul#	88
80) Pyrene	19.76	202	4007398	23.718	ng/ul#	84
81) Butylbenzylphthalate	20.64	149	1751684	34.887	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.42	252	1196042	20.083	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3737840	21.616	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	2789432	37.975	ng/ul#	97
85) Chrysene	21.54	228	3353840	21.203	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	4766062	39.889	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3640372	21.571	ng/ul#	97
89) Benzo(k)fluoranthene	23.21	252	3567808	21.686	ng/ul#	96
91) Benzo(a)pyrene	23.78	252	3495726	21.528	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.33	276	3897070	19.776	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.33	278	3273175	19.365	ng/ul#	94
94) Benzo(g,h,i)perylene	27.07	276	3143765	19.243	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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