Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121516\
Data File : BM008336.D
Acq On : 15 Dec 2016 10:55
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Manual Integrations APPROVED
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12/15/2016 5:50:17 PM

Quant Time: Dec 15 15:24:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 15:13:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	126363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	501799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	327636	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	612434	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	749166	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	747676	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	22015	8.20	ng/uL	0.00
5) Phenol-d5	6.86	99	199634	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	121829	21.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	158360	21.68	ng/ul	-0.01
13) 4-Methylphenol-d8	8.38	113	157404	20.83	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	76304	21.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	86106	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	158782	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	182245	21.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	450187	20.91	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	551016	21.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	48777	15.06	ng/ul	0.00
57) Fluorene-d10	15.31	176	397939	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	65279	18.25	ng/ul	0.00
70) Anthracene-d10	17.16	188	579510	21.65	ng/ul	0.00
78) Pyrene-d10	19.46	212	650272	22.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	692336	22.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26647	8.17	ng/uL	91
4) Benzaldehyde	6.83	77	150118	23.15	ng/ul	93
6) Phenol	6.88	94	210878	20.96	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.10	93	161171	21.10	ng/ul	94
10) 2-Chlorophenol	7.24	128	162748	21.91	ng/ul#	92
11) 2-Methylphenol	8.12	108	155552	21.07	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	194384	22.55	ng/ul	96
14) Acetophenone	8.50	105	259765	21.19	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.47	70	138563	22.04	ng/ul	93
16) 4-Methylphenol	8.45	108	167233	20.95	ng/ul	100
17) Hexachloroethane	8.72	117	73393	21.63	ng/ul	86
20) Nitrobenzene	8.87	77	203358	21.47	ng/ul#	87
21) Isophorone	9.39	82	360406	21.45	ng/ul	96
23) 2-Nitrophenol	9.57	139	88029	21.12	ng/ul#	75
24) 2,4-Dimethylphenol	9.63	107	198498	21.45	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.87	93	209428	21.48	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	157350	21.15	ng/ul	98
28) Naphthalene	10.49	128	508569	21.34	ng/ul	99
30) 4-Chloroaniline	10.62	127	187234	21.98	ng/ul	99
31) Hexachlorobutadiene	10.76	225	131937	21.86	ng/ul	98
32) Caprolactam	11.42	113	40503m	17.72	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	163973	20.44	ng/ul	94
34) 2-Methylnaphthalene	12.11	142	370477	21.63	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	225864	22.00	ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	74375	18.82	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	126359	21.28	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	127077	20.15	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	473929	21.82	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	365646	21.82	ng/ul	98
42) 2-Nitroaniline	13.41	65	104402	20.81	ng/ul#	81
44) Dimethylphthalate	13.77	163	444724	21.10	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	85888	20.76	ng/ul#	85
47) Acenaphthylene	14.03	152	566351	21.68	ng/ul	100
48) 3-Nitroaniline	14.25	138	80789	19.91	ng/ul#	82
49) Acenaphthene	14.37	153	387170	21.55	ng/ul	97
50) 2,4-Dinitrophenol	14.48	184	35476	15.06	ng/ul	92
52) 4-Nitrophenol	14.57	109	45838	14.19	ng/ul	87
53) Dibenzofuran	14.71	168	556703	21.43	ng/ul	100
54) 2,4-Dinitrotoluene	14.71	165	126662	20.70	ng/ul#	48
55) 2,3,4,6-Tetrachlorophenol	14.95	232	119050	20.16	ng/ul#	88
56) Diethylphthalate	15.14	149	429304	20.33	ng/ul	97
58) Fluorene	15.36	166	452385	21.29	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	242746	21.32	ng/ul	90
60) 4-Nitroaniline	15.42	138	71510	19.33	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.48	198	68379	18.55	ng/ul#	91
64) N-Nitrosodiphenylamine	15.58	169	377077	22.41	ng/ul	97
65) 4-Bromophenyl-phenylether	16.25	248	151727	22.22	ng/ul	90
66) Hexachlorobenzene	16.37	284	168900	22.16	ng/ul#	91
67) Atrazine	16.54	200	140150	20.51	ng/ul	95
68) Pentachlorophenol	16.73	266	77725	18.62	ng/ul	95
69) Phenanthrene	17.10	178	681021	21.57	ng/ul	99
71) Anthracene	17.20	178	689904	21.63	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	215845	23.54	ng/uL	100
73) Pentachlorobenzene	14.63	250	213070	23.00	ng/uL	98
74) Carbazole	17.48	167	564527	20.21	ng/ul	99
75) Di-n-butylphthalate	18.03	149	666951	20.81	ng/ul	99
76) Fluoranthene	19.13	202	779940	20.37	ng/ul	96
79) Pyrene	19.50	202	815893	21.88	ng/ul#	93
80) Butylbenzylphthalate	20.39	149	283836	20.61	ng/ul	88
81) 3,3'-Dichlorobenzidine	21.19	252	276406	21.59	ng/ul	99
82) Benzo(a)anthracene	21.24	228	844830	21.71	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	415945	20.60	ng/ul#	96
84) Chrysene	21.30	228	818084	21.87	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	738055	20.21	ng/ul	97
87) Benzo(b)fluoranthene	22.82	252	867746	21.72	ng/ul#	96
88) Benzo(k)fluoranthene	22.87	252	863004	22.26	ng/ul#	97
90) Benzo(a)pyrene	23.40	252	857366	22.16	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	1039562	21.91	ng/ul#	88
92) Dibenzo(a,h)anthracene	25.73	278	879450	22.04	ng/ul#	93
93) Benzo(g,h,i)perylene	26.42	276	872515	22.08	ng/ul#	90

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

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