Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005510.D
Acq On : 19 May 2016 22:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 01:31:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02048

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	41136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	219329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	158889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	456604	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	817177	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1060568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7728	7.23	ng/uL	0.00
5) Phenol-d5	6.99	99	79553	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	43410	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	60466	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	68044	20.22	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	31124	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	34715	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	70714	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	101095	25.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	259593	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	311264	20.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	63709	23.77	ng/ul	0.00
57) Fluorene-d10	15.46	176	233681	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	42300	17.57	ng/ul	0.00
70) Anthracene-d10	17.30	188	421596	20.07	ng/ul	0.00
76) Pyrene-d10	19.59	212	588663	17.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	962421	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10180	8.52	ng/uL#	95
4) Benzaldehyde	6.98	77	50097	26.05	ng/ul	95
6) Phenol	7.02	94	84592	20.37	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.26	93	57510	19.15	ng/ul	98
10) 2-Chlorophenol	7.40	128	63404	20.31	ng/ul	98
11) 2-Methylphenol	8.27	108	65632	20.32	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.37	45	81469	19.25	ng/ul	100
14) Acetophenone	8.65	105	108790	21.25	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	55348	19.31	ng/ul	95
16) 4-Methylphenol	8.59	108	73991	20.40	ng/ul	100
17) Hexachloroethane	8.92	117	22786	19.98	ng/ul	98
20) Nitrobenzene	9.03	77	80866	20.55	ng/ul	98
21) Isophorone	9.55	82	159145	19.76	ng/ul	99
23) 2-Nitrophenol	9.74	139	37285	19.96	ng/ul	95
24) 2,4-Dimethylphenol	9.80	107	85860	20.71	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	89632	18.79	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	72574	20.92	ng/ul	99
28) Naphthalene	10.67	128	219036	19.67	ng/ul	98
30) 4-Chloroaniline	10.78	127	106479	25.41	ng/ul	96
31) Hexachlorobutadiene	10.96	225	41671	21.16	ng/ul	98
32) Caprolactam	11.53	113	32370	24.50	ng/ul	94
33) 4-Chloro-3-methylphenol	11.90	107	91884	21.51	ng/ul	94
34) 2-Methylnaphthalene	12.29	142	174501	19.93	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	95520	19.79	ng/ul	97
37) Hexachlorocyclopentadiene	12.63	237	40056	14.98	ng/ul	92
38) 2,4,6-Trichlorophenol	12.89	196	68103	20.38	ng/ul	91
39) 2,4,5-Trichlorophenol	12.96	196	75930	20.74	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	243665	19.13	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	187377	19.14	ng/ul	98
42) 2-Nitroaniline	13.54	65	63913	20.69	ng/ul	98
44) Dimethylphthalate	13.92	163	266937	20.04	ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	52343	20.41	ng/ul	96
47) Acenaphthylene	14.19	152	320451	20.06	ng/ul	99
48) 3-Nitroaniline	14.36	138	64927	23.76	ng/ul	96
49) Acenaphthene	14.53	153	216482	19.84	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	29511	19.75	ng/ul	92
52) 4-Nitrophenol	14.66	109	63210	26.35	ng/ul	85
53) Dibenzofuran	14.86	168	320549	20.14	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	84812	21.80	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	76357	22.05	ng/ul#	98
56) Diethylphthalate	15.29	149	283396	20.11	ng/ul	99
58) Fluorene	15.51	166	274346	20.85	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.51	204	133157	21.03	ng/ul	99
60) 4-Nitroaniline	15.52	138	80186	25.03	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.58	198	47459	18.09	ng/ul#	91
64) N-Nitrosodiphenylamine	15.72	169	247623	19.11	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	87747	19.02	ng/ul	97
66) Hexachlorobenzene	16.51	284	106621	19.87	ng/ul	96
67) Atrazine	16.67	200	104857	22.60	ng/ul	99
68) Pentachlorophenol	16.85	266	74846	21.64	ng/ul	98
69) Phenanthrene	17.24	178	515682	19.85	ng/ul	100
71) Anthracene	17.33	178	528815	20.59	ng/ul	99
72) Carbazole	17.60	167	519388	22.32	ng/ul	100
73) Di-n-butylphthalate	18.17	149	560127	19.43	ng/ul	99
74) Fluoranthene	19.26	202	718106	23.64	ng/ul	95
77) Pyrene	19.62	202	780297	17.82	ng/ul#	95
78) Butylbenzylphthalate	20.52	149	338805	18.22	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	344038	21.99	ng/ul	99
80) Benzo(a)anthracene	21.36	228	955699	19.91	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	513663	18.47	ng/ul#	99
82) Chrysene	21.41	228	912579	20.09	ng/ul	100
84) Di-n-octyl phthalate	22.19	149	1024569	18.20	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	1194049m	19.67	ng/ul	
86) Benzo(k)fluoranthene	23.01	252	1156364	19.61	ng/ul	98
88) Benzo(a)pyrene	23.56	252	1204667	19.98	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	1723576	21.70	ng/ul	95
90) Dibenzo(a,h)anthracene	25.99	278	1431470	21.70	ng/ul	96
91) Benzo(g,h,i)perylene	26.68	276	1478812	21.49	ng/ul	96

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

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