Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002828.D
Acq On : 02 Oct 2015 06:19
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:08:21 PM

Quant Time: Oct 02 08:40:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	63233	20.00	ng/ul	0.00
18) Naphthalene-d8	11.55	136	267843	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.28	164	136829	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	281606	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	296216	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	299024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.76	96	11074	8.13	ng/uL	0.00
5) Phenol-d5	7.81	99	97940	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.98	67	53495	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	89182	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	80381	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.88	128	41359	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.61	143	43123	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	76107	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.67	131	98289	21.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	208516	20.26	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	278729	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	33611	18.39	ng/ul	0.00
58) Fluorene-d10	16.26	176	190936	20.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	19730	14.37	ng/ul	0.00
71) Anthracene-d10	18.09	188	273539	20.35	ng/ul	0.00
79) Pyrene-d10	20.33	212	278899	20.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	305305	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.80	88	11792	7.83	ng/uL	96
4) Benzaldehyde	7.80	77	55828	20.77	ng/ul	96
6) Phenol	7.84	94	100596	20.32	ng/ul	98
8) Bis(2-Chloroethyl)ether	8.07	93	77662	19.92	ng/ul	99
10) 2-Chlorophenol	8.24	128	90995	20.11	ng/ul	98
11) 2-Methylphenol	9.12	108	78021	20.41	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.21	45	105911	19.72	ng/ul	99
14) Acetophenone	9.53	105	120574	20.29	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.49	70	55861	19.99	ng/ul	98
16) 4-Methylphenol	9.46	108	84412	20.47	ng/ul	100
17) Hexachloroethane	9.79	117	33531	19.78	ng/ul	98
20) Nitrobenzene	9.92	77	79853	19.75	ng/ul	99
21) Isophorone	10.44	82	153181	19.94	ng/ul	100
23) 2-Nitrophenol	10.65	139	48780	20.68	ng/ul	98
24) 2,4-Dimethylphenol	10.67	107	87442	20.21	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.91	93	99799	19.81	ng/ul	99
27) 2,4-Dichlorophenol	11.18	162	77070	20.34	ng/ul	99
28) Naphthalene	11.60	128	274325	20.06	ng/ul	99
30) 4-Chloroaniline	11.70	127	99565	21.27	ng/ul	99
31) Hexachlorobutadiene	11.85	225	43561	19.63	ng/ul	97
32) Caprolactam	12.44	113	25125	20.94	ng/ul	99
33) 4-Chloro-3-methylphenol	12.77	107	78411	20.64	ng/ul	100
34) 2-Methylnaphthalene	13.15	142	192325	20.21	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.37	142	187751	20.31	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	84555	19.79	ng/ul	99
38) Hexachlorocyclopentadiene	13.47	237	10197	8.17	ng/ul	95
39) 2,4,6-Trichlorophenol	13.74	196	54061	20.20	ng/ul	99
40) 2,4,5-Trichlorophenol	13.82	196	56874	19.89	ng/ul	99
41) 1,1'-Biphenyl	14.13	154	235164	20.11	ng/ul	99
42) 2-Chloronaphthalene	14.19	162	179394	20.07	ng/ul	99
43) 2-Nitroaniline	14.38	65	44425	20.82	ng/ul	97
45) Dimethylphthalate	14.71	163	211898	20.25	ng/ul	99
46) 2,6-Dinitrotoluene	14.85	165	45844	21.42	ng/ul	99
48) Acenaphthylene	15.02	152	294730	20.34	ng/ul	99
49) 3-Nitroaniline	15.19	138	50560	22.83	ng/ul	95
50) Acenaphthene	15.35	153	194444	20.32	ng/ul	99
51) 2,4-Dinitrophenol	15.41	184	7693	10.26	ng/ul	95
53) 4-Nitrophenol	15.48	109	19701	19.03	ng/ul	98
54) Dibenzofuran	15.67	168	263445	20.31	ng/ul	97
55) 2,4-Dinitrotoluene	15.64	165	64339	21.27	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.89	232	41547	19.59	ng/ul	97
57) Diethylphthalate	16.04	149	218256	20.76	ng/ul	99
59) Fluorene	16.31	166	219051	20.58	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.28	204	100209	20.41	ng/ul	96
61) 4-Nitroaniline	16.33	138	56344	23.38	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.40	198	20671	14.20	ng/ul	99
65) N-Nitrosodiphenylamine	16.50	169	185296	20.04	ng/ul	99
66) 4-Bromophenyl-phenylether	17.17	248	58693	20.09	ng/ul	98
67) Hexachlorobenzene	17.30	284	66313	19.92	ng/ul	98
68) Atrazine	17.41	200	64051	20.68	ng/ul	99
69) Pentachlorophenol	17.64	266	19902m	15.63	ng/ul	
70) Phenanthrene	18.04	178	331301	20.34	ng/ul	100
72) Anthracene	18.13	178	338505	20.42	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.10	216	82754	19.49	ng/uL	98
74) Pentachlorobenzene	15.59	250	78212	19.80	ng/uL	99
75) Carbazole	18.39	167	306760	21.19	ng/ul	100
76) Di-n-butylphthalate	18.87	149	381971	20.65	ng/ul	99
77) Fluoranthene	20.00	202	361745	21.51	ng/ul	98
80) Pyrene	20.36	202	374795	19.92	ng/ul	99
81) Butylbenzylphthalate	21.16	149	173197	20.44	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.97	252	119016	21.66	ng/ul	99
83) Benzo(a)anthracene	22.07	228	354076	20.11	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	256547	20.17	ng/ul	100
85) Chrysene	22.12	228	332425	20.01	ng/ul	99
87) Di-n-octyl phthalate	22.87	149	446516	20.93	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	361571	20.13	ng/ul	99
89) Benzo(k)fluoranthene	23.92	252	335001	19.70	ng/ul	98
91) Benzo(a)pyrene	24.56	252	345113	20.00	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.39	276	398845	19.81	ng/ul	98
93) Dibenzo(a,h)anthracene	27.39	278	336365	19.78	ng/ul	98
94) Benzo(g,h,i)perylene	28.24	276	334214	19.72	ng/ul	98

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

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