Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032115\
Data File : BM000746.D
Acq On : 20 Mar 2015 19:38
Operator : TP/IZ
Sample : SSTD01006
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01006

Quant Time: Mar 21 02:00:50 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 01:49:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	156432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	641114	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	353338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	748487	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	812810	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	759638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	14060	4.29	ng/uL	0.00
5) Phenol-d5	6.79	99	111813	9.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	72635	10.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	91880	9.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	86799	9.39	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	37339	9.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	38560	8.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	81390	9.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	105346	10.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	220124	9.77	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	318148	9.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	33435	7.17	ng/ul	0.00
57) Fluorene-d10	15.27	176	227764	9.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	30567	7.58	ng/ul	0.00
70) Anthracene-d10	17.12	188	330405	9.71	ng/ul	0.00
76) Pyrene-d10	19.42	212	357363	9.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	321417	9.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	14548	3.77	ng/uL	97
4) Benzaldehyde	6.76	77	64786	9.88	ng/ul	98
6) Phenol	6.82	94	125212	9.63	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	102170	10.12	ng/ul	96
10) 2-Chlorophenol	7.18	128	102319	9.87	ng/ul	98
11) 2-Methylphenol	8.06	108	88257	9.13	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.16	45	183353	10.58	ng/ul	99
14) Acetophenone	8.43	105	147776	9.83	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	67626	9.74	ng/ul	97
16) 4-Methylphenol	8.39	108	98879	9.43	ng/ul	99
17) Hexachloroethane	8.69	117	39340	9.87	ng/ul	94
20) Nitrobenzene	8.82	77	106911	9.72	ng/ul	99
21) Isophorone	9.33	82	171496	9.41	ng/ul	99
23) 2-Nitrophenol	9.52	139	47736	9.28	ng/ul	94
24) 2,4-Dimethylphenol	9.59	107	106489	9.63	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	125400	9.96	ng/ul	95
27) 2,4-Dichlorophenol	10.05	162	86249	9.35	ng/ul	98
28) Naphthalene	10.45	128	339393	9.89	ng/ul	99
30) 4-Chloroaniline	10.57	127	111961	10.25	ng/ul	98
31) Hexachlorobutadiene	10.74	225	57193	9.88	ng/ul	99
32) Caprolactam	11.31	113	18777	7.41	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	88843	9.37	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	227717	9.71	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	106832	9.81 ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	50958	8.48 ng/ul	99
38) 2,4,6-Trichlorophenol	12.70	196	52605	9.12 ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	61838	9.26 ng/ul	99
40) 1,1'-Biphenyl	13.10	154	297091	10.03 ng/ul	98
41) 2-Chloronaphthalene	13.14	162	227846	10.05 ng/ul	99
42) 2-Nitroaniline	13.35	65	44490	8.43 ng/ul	94
44) Dimethylphthalate	13.73	163	255153	9.68 ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	41303	8.67 ng/ul	95
47) Acenaphthylene	13.99	152	361897	9.79 ng/ul	98
48) 3-Nitroaniline	14.19	138	39482	7.85 ng/ul	98
49) Acenaphthene	14.34	153	241372	9.91 ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	12947	4.83 ng/ul	94
52) 4-Nitrophenol	14.49	109	27727	7.93 ng/ul	96
53) Dibenzofuran	14.67	168	338793	9.84 ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	64624	8.95 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.91	232	47304	8.91 ng/ul	97
56) Diethylphthalate	15.10	149	247811	9.68 ng/ul	99
58) Fluorene	15.33	166	278153	9.83 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	131201	9.81 ng/ul	99
60) 4-Nitroaniline	15.35	138	42290	7.28 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.41	198	36290	8.08 ng/ul#	98
64) N-Nitrosodiphenylamine	15.54	169	225245	9.98 ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	68988	9.74 ng/ul	97
66) Hexachlorobenzene	16.33	284	79975	10.11 ng/ul	97
67) Atrazine	16.49	200	65086	8.80 ng/ul	98
68) Pentachlorophenol	16.68	266	27622	6.69 ng/ul	98
69) Phenanthrene	17.06	178	429158	9.98 ng/ul	99
71) Anthracene	17.16	178	435612	9.97 ng/ul	98
72) Carbazole	17.43	167	379406	9.70 ng/ul	99
73) Di-n-butylphthalate	18.00	149	364396	9.34 ng/ul	99
74) Fluoranthene	19.09	202	459698	9.76 ng/ul	99
77) Pyrene	19.45	202	509310	9.97 ng/ul	98
78) Butylbenzylphthalate	20.36	149	137961	8.41 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.14	252	104079	8.33 ng/ul	99
80) Benzo(a)anthracene	21.20	228	463960	9.72 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	217900	8.89 ng/ul	99
82) Chrysene	21.26	228	450222	9.73 ng/ul	100
84) Di-n-octyl phthalate	22.00	149	384606	8.28 ng/ul	100
85) Benzo(b)fluoranthene	22.75	252	457420	9.98 ng/ul	99
86) Benzo(k)fluoranthene	22.79	252	431002	9.67 ng/ul	96
88) Benzo(a)pyrene	23.31	252	436956	9.85 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.60	276	478307	9.80 ng/ul	99
90) Dibenzo(a,h)anthracene	25.61	278	402845	9.77 ng/ul	99
91) Benzo(g,h,i)perylene	26.27	276	411173	9.86 ng/ul	100

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

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