Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041416\
Data File : BM004950.D
Acq On : 14 Apr 2016 19:12
Operator : UM/SJ
Sample : SSTD04047
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04047

Manual Integrations APPROVED
Sohil
4/15/2016 6:22:27 PM

Quant Time: Apr 15 00:22:35 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 00:10:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	53718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	231758	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	134937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	306440	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	332310	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	330838	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	17270	13.75	ng/uL	0.00
5) Phenol-d5	6.98	99	160358	34.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	90588	35.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	130580	36.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	129573	33.31	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	63524	39.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	71953	39.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	127493	38.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	159929	40.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	368051	35.60	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	453170	36.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	71085	35.76	ng/ul	0.00
57) Fluorene-d10	15.44	176	315523	35.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	59568	34.55	ng/ul	0.00
70) Anthracene-d10	17.29	188	480122	35.78	ng/ul	0.00
76) Pyrene-d10	19.59	212	527346	36.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	515280	36.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	31361	18.91	ng/uL	99
4) Benzaldehyde	6.96	77	95205	42.99	ng/ul	100
6) Phenol	7.00	94	167081	34.54	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	127696	34.73	ng/ul	99
10) 2-Chlorophenol	7.37	128	134242	36.14	ng/ul	98
11) 2-Methylphenol	8.25	108	128704	33.69	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	155764	34.58	ng/ul	99
14) Acetophenone	8.63	105	196427	33.45	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	95346	32.15	ng/ul	99
16) 4-Methylphenol	8.58	108	139046	32.77	ng/ul	96
17) Hexachloroethane	8.89	117	52535	36.89	ng/ul	96
20) Nitrobenzene	9.01	77	146656	37.87	ng/ul	99
21) Isophorone	9.53	82	270640	35.46	ng/ul	99
23) 2-Nitrophenol	9.72	139	75303	38.32	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	150026	36.44	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	167117	35.03	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	128839	37.41	ng/ul	99
28) Naphthalene	10.65	128	413300	36.04	ng/ul	99
30) 4-Chloroaniline	10.76	127	160752	39.06	ng/ul	100
31) Hexachlorobutadiene	10.93	225	81026	38.24	ng/ul	98
32) Caprolactam	11.53	113	42240m	33.31	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	140021	35.80	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	295441	34.74	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	155031	37.64	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	87219	36.49	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	103566	38.21	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	113990	38.38	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	386588	36.11	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	295094	36.52	ng/ul	100
42) 2-Nitroaniline	13.53	65	88099	38.05	ng/ul	98
44) Dimethylphthalate	13.90	163	363765	34.65	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	77075	37.49	ng/ul	97
47) Acenaphthylene	14.17	152	475427	35.92	ng/ul	100
48) 3-Nitroaniline	14.36	138	83313	39.90	ng/ul	99
49) Acenaphthene	14.52	153	308483	34.97	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	38214	30.17	ng/ul	98
52) 4-Nitrophenol	14.67	109	59235	36.21	ng/ul	99
53) Dibenzofuran	14.85	168	446622	34.91	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	112667	36.96	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	95585	36.92	ng/ul	100
56) Diethylphthalate	15.27	149	362637	34.43	ng/ul	99
58) Fluorene	15.50	166	341585	33.89	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	169346	34.22	ng/ul	99
60) 4-Nitroaniline	15.52	138	85003	35.35	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.58	198	63243	34.41	ng/ul	97
64) N-Nitrosodiphenylamine	15.71	169	304295	34.87	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	108348	35.89	ng/ul	99
66) Hexachlorobenzene	16.50	284	123541	36.12	ng/ul	97
67) Atrazine	16.66	200	114563	36.45	ng/ul	97
68) Pentachlorophenol	16.84	266	75597	36.34	ng/ul	98
69) Phenanthrene	17.24	178	564557	34.46	ng/ul	99
71) Anthracene	17.33	178	571830	34.83	ng/ul	99
72) Carbazole	17.60	167	529334	36.55	ng/ul	99
73) Di-n-butylphthalate	18.16	149	603987	35.24	ng/ul	100
74) Fluoranthene	19.25	202	653261	36.68	ng/ul	100
77) Pyrene	19.62	202	660912	35.25	ng/ul	98
78) Butylbenzylphthalate	20.52	149	278961	35.93	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	210815	34.43	ng/ul	98
80) Benzo(a)anthracene	21.37	228	653170	35.38	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	383742	34.92	ng/ul	100
82) Chrysene	21.42	228	618211	35.29	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	682276	36.32	ng/ul	100
85) Benzo(b)fluoranthene	22.98	252	667066	36.08	ng/ul	100
86) Benzo(k)fluoranthene	23.03	252	632789	35.75	ng/ul	99
88) Benzo(a)pyrene	23.57	252	629730	35.27	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	703267	33.41	ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	591051	33.75	ng/ul	99
91) Benzo(g,h,i)perylene	26.70	276	598806	33.26	ng/ul	99

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

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