Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086217.D
Acq On : 15 Apr 2016 15:20
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF041516

Manual Integrations APPROVED
Sohil
4/18/2016 7:29:19 PM

Quant Time: Apr 15 18:04:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	270463	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1101650	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	511464	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	887798	20.00	ng		0.00
75) Chrysene-d12	14.05	240	544709	20.00	ng		0.00
86) Perylene-d12	15.48	264	445212	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1206149	73.07	ng		0.00
7) Phenol-d6	6.52	99	1619836	78.45	ng		0.00
23) Nitrobenzene-d5	7.46	82	1420248	74.36	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	310968	75.72	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2074278	74.84	ng		0.00
78) Terphenyl-d14	13.00	244	1589484	73.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	347898	38.22	ng		97
3) Pyridine	3.24	79	909790	38.32	ng		95
4) n-Nitrosodimethylamine	3.18	42	334222	38.97	ng	#	69
6) Aniline	6.56	93	1140392	38.32	ng		99
8) 2-Chlorophenol	6.67	128	701566	37.57	ng		99
9) Benzaldehyde	6.44	77	589286	40.23	ng		98
10) Phenol	6.53	94	997043	40.55	ng		91
11) bis(2-Chloroethyl)ether	6.62	93	683317	36.94	ng	#	83
12) 1,3-Dichlorobenzene	6.83	146	737698	37.23	ng		99
13) 1,4-Dichlorobenzene	6.91	146	717251	38.00	ng		98
14) 1,2-Dichlorobenzene	7.07	146	673687	40.21	ng		98
15) Benzyl Alcohol	7.04	79	610165	41.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1130558	39.22	ng		99
17) 2-Methylphenol	7.14	107	602373	38.71	ng		98
18) Hexachloroethane	7.41	117	281334	39.51	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	453776	34.34	ng	#	85
20) 3+4-Methylphenols	7.30	107	636205	36.50	ng		98
22) Acetophenone	7.31	105	875706	41.96	ng	#	94
24) Nitrobenzene	7.48	77	873756	41.84	ng		96
25) Isophorone	7.72	82	1440338	38.00	ng		99
26) 2-Nitrophenol	7.79	139	361095	39.66	ng		94
27) 2,4-Dimethylphenol	7.84	122	716246	38.95	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	793605	35.62	ng		99
29) 2,4-Dichlorophenol	8.03	162	516791	36.97	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	546588	37.36	ng		99
31) Naphthalene	8.20	128	1829097	37.18	ng		99
32) Benzoic acid	7.94	122	497564	42.33	ng		100
33) 4-Chloroaniline	8.25	127	786468	35.77	ng		99
34) Hexachlorobutadiene	8.33	225	290423	39.62	ng		99
35) Caprolactam	8.62	113	208780	41.25	ng	#	82
36) 4-Chloro-3-methylphenol	8.73	107	650411	40.15	ng		99
37) 2-Methylnaphthalene	8.90	142	1249522	39.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	442059	40.02	ng		99
40) Hexachlorocyclopentadiene	9.05	237	219786	36.45	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	372332	36.95	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	385139	39.57	ng		98
45) 1,1'-Biphenyl	9.36	154	1299036	35.28	ng		100
46) 2-Chloronaphthalene	9.38	162	1115174	37.10	ng		99
47) 2-Nitroaniline	9.47	65	357296	36.69	ng		97
48) Acenaphthylene	9.80	152	1941655	40.59	ng		99
49) Dimethylphthalate	9.66	163	1420090	38.19	ng		99
50) 2,6-Dinitrotoluene	9.72	165	338283	41.11	ng		92
51) Acenaphthene	9.97	154	1148555	40.20	ng		100
52) 3-Nitroaniline	9.88	138	339320	33.93	ng		99
53) 2,4-Dinitrophenol	9.98	184	120950	41.88	ng		86
54) Dibenzofuran	10.14	168	1514235	40.13	ng		97
55) 4-Nitrophenol	10.03	139	300747	38.45	ng		90
56) 2,4-Dinitrotoluene	10.12	165	445302	42.27	ng	#	90
57) Fluorene	10.49	166	1054376	40.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	264043	37.35	ng		98
59) Diethylphthalate	10.36	149	1385041	36.08	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	438099	39.63	ng		96
61) 4-Nitroaniline	10.50	138	361926	41.88	ng		85
62) Azobenzene	10.64	77	1307216	34.81	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	174930	41.40	ng		86
65) n-Nitrosodiphenylamine	10.59	169	992056	36.49	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	310833	37.57	ng		92
67) Hexachlorobenzene	11.02	284	335509	38.70	ng		94
68) Atrazine	11.12	200	323504	38.83	ng		99
69) Pentachlorophenol	11.22	266	217719	41.41	ng		98
70) Phenanthrene	11.45	178	1679379	39.60	ng		99
71) Anthracene	11.49	178	1553344	35.88	ng		99
72) Carbazole	11.64	167	1455121	36.08	ng		100
73) Di-n-butylphthalate	11.98	149	1925003	35.30	ng		99
74) Fluoranthene	12.62	202	1486612	40.12	ng		99
76) Benzidine	12.75	184	952937	45.10	ng		100
77) Pyrene	12.85	202	1547321	37.03	ng		99
79) Butylbenzylphthalate	13.48	149	833799	43.19	ng		90
80) Benzo(a)anthracene	14.04	228	1161484	38.84	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	662594	38.23	ng		99
82) Chrysene	14.08	228	1094898	34.34	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	822465	39.46	ng	#	98
84) Di-n-octyl phthalate	14.65	149	1565023	38.95	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1050033	40.07	ng		96
87) Benzo(b)fluoranthene	15.07	252	966746m	35.20	ng		
88) Benzo(k)fluoranthene	15.11	252	1057230m	42.21	ng		
89) Benzo(a)pyrene	15.43	252	945768	39.75	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	884986	42.09	ng		99
91) Benzo(g,h,i)perylene	17.32	276	924543	41.35	ng		95

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

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