Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097605.D
Acq On : 11 Aug 2017 20:47
Operator : SJ/JU
Sample : I4631-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-4-11MSD

Manual Integrations APPROVED
sohil
8/14/2017 6:40:04 PM

Quant Time: Aug 14 10:41:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	94614	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	404601	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	169201	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	253073	20.00	ng		0.00
75) Chrysene-d12	18.48	240	165386	20.00	ng		0.02
86) Perylene-d12	20.14	264	179586	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	435100	73.10	ng		0.02
7) Phenol-d6	7.07	99	315590	42.74	ng		0.01
23) Nitrobenzene-d5	8.43	82	558349	86.53	ng		0.00
41) 2,4,6-Tribromophenol	13.67	330	154441	120.07	ng		0.01
44) 2-Fluorobiphenyl	11.32	172	927300	82.71	ng		0.00
78) Terphenyl-d14	17.13	244	495135	61.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	35896	13.896	ng	#	70
3) Pyridine	2.51	79	45971	6.102	ng	#	61
4) n-Nitrosodimethylamine	2.40	42	57998	13.267	ng	#	74
6) Aniline	7.02	93	104804	9.876	ng		98
8) 2-Chlorophenol	7.20	128	263767	38.655	ng		92
9) Benzaldehyde	6.82	77	140202	28.795	ng		92
10) Phenol	7.09	94	101225	12.520	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	299386	46.167	ng		90
12) 1,3-Dichlorobenzene	7.41	146	267511	35.006	ng		99
13) 1,4-Dichlorobenzene	7.54	146	295694	38.015	ng		95
14) 1,2-Dichlorobenzene	7.77	146	282502	39.798	ng		98
15) Benzyl Alcohol	7.81	79	136770	26.805	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.00	45	606168	41.634	ng		89
17) 2-Methylphenol	8.04	107	176276	33.332	ng		98
18) Hexachloroethane	8.29	117	94847	35.641	ng	#	78
19) n-Nitroso-di-n-propylamine	8.24	70	227236	44.243	ng	#	84
20) 3+4-Methylphenols	8.30	107	193570	29.887	ng	#	59
22) Acetophenone	8.19	105	435653	45.578	ng	#	97
24) Nitrobenzene	8.45	77	293234	41.702	ng		95
25) Isophorone	8.86	82	594387	50.006	ng		97
26) 2-Nitrophenol	8.96	139	171369	48.182	ng	#	85
27) 2,4-Dimethylphenol	9.11	122	250858	42.295	ng		96
28) bis(2-Chloroethoxy)methane	9.23	93	373001	43.431	ng		99
29) 2,4-Dichlorophenol	9.40	162	202718	38.762	ng		94
30) 1,2,4-Trichlorobenzene	9.47	180	204880	39.514	ng		97
31) Naphthalene	9.57	128	851433	42.013	ng		99
32) Benzoic acid	9.40	122	31158	9.749	ng		92
33) 4-Chloroaniline	9.73	127	134581	16.030	ng		96
34) Hexachlorobutadiene	9.79	225	99783	35.230	ng		96
35) Caprolactam	10.40	113	7949	4.717	ng	#	27
36) 4-Chloro-3-methylphenol	10.58	107	204762	34.847	ng		88
37) 2-Methylnaphthalene	10.70	142	552540	43.332	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	201750	42.109	ng		99
40) Hexachlorocyclopentadiene	10.96	237	85249	85.797	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	127680	40.448	ng		98
43) 2,4,5-Trichlorophenol	11.29	196	117414	39.381	ng		97
45) 1,1'-Biphenyl	11.47	154	570904	39.328	ng		97
46) 2-Chloronaphthalene	11.49	162	425044	38.135	ng	#	92
47) 2-Nitroaniline	11.70	65	175323	40.155	ng		94
48) Acenaphthylene	12.14	152	723463	40.830	ng		99
49) Dimethylphthalate	12.03	163	569685	43.688	ng		99
50) 2,6-Dinitrotoluene	12.12	165	111660	41.466	ng	#	65
51) Acenaphthene	12.43	154	413099	38.902	ng		98
52) 3-Nitroaniline	12.38	138	61788	17.525	ng	#	90
53) 2,4-Dinitrophenol	12.60	184	93135	83.900	ng	#	68
54) Dibenzofuran	12.71	168	663154	44.609	ng		97
55) 4-Nitrophenol	12.87	139	30687m	22.854	ng		
56) 2,4-Dinitrotoluene	12.78	165	157054	43.698	ng	#	70
57) Fluorene	13.26	166	519577	42.499	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	86154	42.076	ng	#	90
59) Diethylphthalate	13.17	149	541154	43.938	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	226575	43.411	ng		97
61) 4-Nitroaniline	13.38	138	64518	19.183	ng		92
62) Azobenzene	13.55	77	563595	45.996	ng		92
64) 4,6-Dinitro-2-methylphenol	13.46	198	67175	43.514	ng		91
65) n-Nitrosodiphenylamine	13.50	169	430680	46.051	ng		98
66) 4-Bromophenyl-phenylether	14.08	248	122550	46.676	ng		97
67) Hexachlorobenzene	14.16	284	128180	44.818	ng	#	84
68) Atrazine	14.47	200	77261	32.926	ng		93
69) Pentachlorophenol	14.53	266	59224	123.135	ng		99
70) Phenanthrene	14.81	178	612826	42.044	ng		99
71) Anthracene	14.90	178	618233	41.455	ng		99
72) Carbazole	15.19	167	523624	36.882	ng		99
73) Di-n-butylphthalate	15.77	149	715565	43.060	ng		99
74) Fluoranthene	16.57	202	504980	38.340	ng		98
77) Pyrene	16.88	202	503562	36.819	ng		100
79) Butylbenzylphthalate	17.80	149	256646	44.887	ng	#	75
80) Benzo(a)anthracene	18.47	228	412103	42.664	ng		98
82) Chrysene	18.51	228	403395	41.987	ng		99
83) Bis(2-ethylhexyl)phthalate	18.55	149	364176	44.782	ng		99
84) Di-n-octyl phthalate	19.32	149	649863	45.759	ng	#	89
85) Indeno(1,2,3-cd)pyrene	21.37	276	489937	65.566	ng		98
87) Benzo(b)fluoranthene	19.74	252	450531	41.779	ng		97
88) Benzo(k)fluoranthene	19.77	252	394579	36.330	ng		96
89) Benzo(a)pyrene	20.09	252	419013	42.333	ng		98
90) Dibenzo(a,h)anthracene	21.38	278	403343	56.914	ng		97
91) Benzo(g,h,i)perylene	21.72	276	437499	56.274	ng		98

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

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