Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104795.D
Acq On : 25 Apr 2018 18:06
Operator : JU/SJ
Sample : J2520-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8_0.0-0.5MSD

Manual Integrations APPROVED
Sohil
4/26/2018 6:09:45 PM

Quant Time: Apr 26 11:39:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115439	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	484828	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	214353	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	343822	20.00	ng		0.00
75) Chrysene-d12	13.99	240	197348	20.00	ng		0.00
86) Perylene-d12	15.45	264	182571	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	841652	111.48	ng		0.01
7) Phenol-d6	6.45	99	1061473	114.43	ng		0.00
23) Nitrobenzene-d5	7.37	82	680894	91.70	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	245506	110.41	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1181890	87.10	ng		0.00
78) Terphenyl-d14	12.92	244	841003	97.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	105406	29.963	ng		88
3) Pyridine	3.29	79	291136	29.436	ng		85
4) n-Nitrosodimethylamine	3.25	42	128494	37.165	ng		84
6) Aniline	6.47	93	249606	19.368	ng	#	20
8) 2-Chlorophenol	6.59	128	338695	42.504	ng		95
9) Benzaldehyde	6.35	77	148711	28.901	ng		97
10) Phenol	6.46	94	397455	40.382	ng		82
11) bis(2-Chloroethyl)ether	6.54	93	316539	40.302	ng		94
12) 1,3-Dichlorobenzene	6.74	146	354228	39.239	ng		97
13) 1,4-Dichlorobenzene	6.82	146	358921	39.886	ng		99
14) 1,2-Dichlorobenzene	6.97	146	331802	39.789	ng		98
15) Benzyl Alcohol	6.95	79	278145	39.479	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	365202	34.623	ng		58
17) 2-Methylphenol	7.06	107	272999	39.413	ng	#	92
18) Hexachloroethane	7.31	117	120608	37.591	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	218407	36.031	ng		93
20) 3+4-Methylphenols	7.22	107	333994	38.879	ng	#	82
22) Acetophenone	7.22	105	459892	38.529	ng		98
24) Nitrobenzene	7.39	77	343294	41.878	ng		97
25) Isophorone	7.63	82	631168	40.200	ng		99
26) 2-Nitrophenol	7.70	139	184792	55.373	ng		96
27) 2,4-Dimethylphenol	7.75	122	275852	39.809	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	411340	42.849	ng		98
29) 2,4-Dichlorophenol	7.95	162	284914	43.093	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	287574	39.633	ng		99
31) Naphthalene	8.11	128	992556	41.114	ng		100
32) Benzoic acid	7.87	122	127955	23.143	ng		97
33) 4-Chloroaniline	8.16	127	179844	17.388	ng		96
34) Hexachlorobutadiene	8.22	225	157614	39.658	ng		99
35) Caprolactam	8.54	113	92069m	39.918	ng		
36) 4-Chloro-3-methylphenol	8.66	107	304604	42.966	ng		100
37) 2-Methylnaphthalene	8.80	142	640810	41.035	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	270318	44.054	ng		99
40) Hexachlorocyclopentadiene	8.95	237	53968	15.710	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	189804	44.560	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	199787	41.914	ng		96
45) 1,1'-Biphenyl	9.27	154	730462	40.565	ng		98
46) 2-Chloronaphthalene	9.29	162	574392	40.384	ng		99
47) 2-Nitroaniline	9.40	65	176906	50.294	ng		89
48) Acenaphthylene	9.71	152	881262	39.490	ng		99
49) Dimethylphthalate	9.57	163	853764	50.508	ng		100
50) 2,6-Dinitrotoluene	9.64	165	150721	48.188	ng		92
51) Acenaphthene	9.88	154	528191	38.793	ng		100
52) 3-Nitroaniline	9.81	138	127357	34.781	ng		95
53) 2,4-Dinitrophenol	9.92	184	34698	37.339	ng	#	20
54) Dibenzofuran	10.05	168	767318	40.438	ng		96
55) 4-Nitrophenol	9.99	139	208459	72.473	ng		97
56) 2,4-Dinitrotoluene	10.05	165	179882	43.844	ng		93
57) Fluorene	10.40	166	610669	44.215	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146097	41.084	ng		94
59) Diethylphthalate	10.27	149	679227	40.347	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	274326	44.600	ng		97
61) 4-Nitroaniline	10.43	138	150754	42.106	ng		96
62) Azobenzene	10.55	77	573403	35.651	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	33532	24.307	ng	#	78
65) n-Nitrosodiphenylamine	10.51	169	512054	42.953	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	161518	44.165	ng		97
67) Hexachlorobenzene	10.95	284	167589	40.726	ng		93
68) Atrazine	11.04	200	167830	46.641	ng		98
69) Pentachlorophenol	11.15	266	133220	52.329	ng		96
70) Phenanthrene	11.37	178	1433137	74.848	ng		99
71) Anthracene	11.42	178	911448	46.829	ng		100
72) Carbazole	11.57	167	739356	38.874	ng		99
73) Di-n-butylphthalate	11.89	149	949104	40.852	ng		99
74) Fluoranthene	12.56	202	1466937	73.328	ng		99
77) Pyrene	12.79	202	1357943	92.831	ng		99
79) Butylbenzylphthalate	13.39	149	309982	44.980	ng		99
80) Benzo(a)anthracene	13.98	228	907536	76.976	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	141302	32.144	ng		96
82) Chrysene	14.02	228	849250	70.129	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	430357	48.550	ng		99
84) Di-n-octyl phthalate	14.57	149	676406	45.668	ng		95
85) Indeno(1,2,3-cd)pyrene	16.93	276	557043	54.149	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	962720	83.491	ng		98
88) Benzo(k)fluoranthene	15.06	252	509097	46.765	ng		98
89) Benzo(a)pyrene	15.40	252	712093	69.020	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	387219m	45.697	ng		
91) Benzo(g,h,i)perylene	17.37	276	440711	53.683	ng		94

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

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