Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103647.D
Acq On : 14 Mar 2018 18:12
Operator : SJ/JU
Sample : J1911-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5B-COMPMS

Manual Integrations APPROVED
Sohil
3/15/2018 6:57:34 PM

Quant Time: Mar 15 10:53:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	110772	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	464051	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	195430	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	296961	20.00	ng		0.00
75) Chrysene-d12	14.06	240	190250	20.00	ng		0.00
86) Perylene-d12	15.57	264	184584	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	805314	109.95	ng		0.00
7) Phenol-d6	6.50	99	952319	106.26	ng		0.00
23) Nitrobenzene-d5	7.43	82	619808	76.28	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	137359	83.04	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	858816	73.22	ng		0.00
78) Terphenyl-d14	12.98	244	598595	75.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	93659	24.212	ng		91
3) Pyridine	3.53	79	222517m	21.547	ng		
4) n-Nitrosodimethylamine	3.45	42	131992m	31.691	ng		
6) Aniline	6.53	93	276707	21.393	ng	#	58
8) 2-Chlorophenol	6.65	128	266339	35.005	ng		94
9) Benzaldehyde	6.43	77	96606	14.735	ng		95
10) Phenol	6.52	94	379549	36.481	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	321372m	40.698	ng		
12) 1,3-Dichlorobenzene	6.80	146	262720	30.216	ng		97
13) 1,4-Dichlorobenzene	6.87	146	287542	32.985	ng		98
14) 1,2-Dichlorobenzene	7.03	146	257787	32.071	ng		99
15) Benzyl Alcohol	7.02	79	202335	29.960	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	426329	31.441	ng		59
17) 2-Methylphenol	7.12	107	208472	30.150	ng	#	75
18) Hexachloroethane	7.36	117	86443	27.239	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	208731	37.422	ng		96
20) 3+4-Methylphenols	7.29	107	266950	31.672	ng	#	65
22) Acetophenone	7.27	105	404836	37.375	ng	#	94
24) Nitrobenzene	7.45	77	283595	31.699	ng		96
25) Isophorone	7.67	82	571179	35.690	ng		95
26) 2-Nitrophenol	7.77	139	129747	30.806	ng		95
27) 2,4-Dimethylphenol	7.80	122	229269	35.614	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	353068	37.523	ng		98
29) 2,4-Dichlorophenol	8.02	162	209268	33.953	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	205203	31.264	ng		98
31) Naphthalene	8.16	128	763202	33.593	ng		100
32) Benzoic acid	7.93	122	41516m	14.354	ng		
33) 4-Chloroaniline	8.23	127	191743	19.558	ng		96
34) Hexachlorobutadiene	8.26	225	100259	29.334	ng		98
35) Caprolactam	8.59	113	64943	29.980	ng	#	85
36) 4-Chloro-3-methylphenol	8.72	107	238722	34.339	ng		99
37) 2-Methylnaphthalene	8.85	142	485054	33.035	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	177845	33.288	ng		100
40) Hexachlorocyclopentadiene	8.99	237	4614	11.060	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	113672	31.620	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	116140	28.089	ng		98
45) 1,1'-Biphenyl	9.32	154	540811	33.024	ng		99
46) 2-Chloronaphthalene	9.35	162	416902	32.179	ng		100
47) 2-Nitroaniline	9.46	65	169464	35.312	ng		83
48) Acenaphthylene	9.76	152	625083	31.358	ng		100
49) Dimethylphthalate	9.62	163	499150	31.838	ng		99
50) 2,6-Dinitrotoluene	9.69	165	99808	30.337	ng	#	78
51) Acenaphthene	9.93	154	357174	30.728	ng		99
52) 3-Nitroaniline	9.88	138	110952	26.581	ng		96
53) 2,4-Dinitrophenol	10.05	184	6769	14.632	ng	#	1
54) Dibenzofuran	10.10	168	538908	33.774	ng	#	90
55) 4-Nitrophenol	10.10	139	341655	132.066	ng	#	20
56) 2,4-Dinitrotoluene	10.12	165	121898	29.295	ng	#	72
57) Fluorene	10.45	166	404864	29.786	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	81806	29.452	ng		97
59) Diethylphthalate	10.31	149	490145	32.688	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	185022	32.099	ng		95
61) 4-Nitroaniline	10.50	138	113867	27.312	ng		96
62) Azobenzene	10.60	77	492113	32.243	ng		95
64) 4,6-Dinitro-2-methylphenol	10.54	198	12641	11.221	ng	#	66
65) n-Nitrosodiphenylamine	10.56	169	359246	34.744	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	101537	32.823	ng		98
67) Hexachlorobenzene	11.00	284	98063	29.206	ng		99
68) Atrazine	11.09	200	100354	32.291	ng		97
69) Pentachlorophenol	11.22	266	57545	35.446	ng		99
70) Phenanthrene	11.42	178	511953	31.326	ng		98
71) Anthracene	11.47	178	568500	33.923	ng		100
72) Carbazole	11.64	167	517158	30.989	ng		99
73) Di-n-butylphthalate	11.94	149	1001049	47.938	ng		99
74) Fluoranthene	12.62	202	495067	30.145	ng		98
76) Benzidine	12.75	184	200800	28.232	ng		96
77) Pyrene	12.85	202	483953	32.627	ng		99
79) Butylbenzylphthalate	13.45	149	259612	33.127	ng		96
80) Benzo(a)anthracene	14.04	228	378739	30.682	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	141587	32.140	ng		98
82) Chrysene	14.09	228	390126	32.549	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	347877	32.894	ng		99
84) Di-n-octyl phthalate	14.62	149	593773	34.750	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	344589	36.315	ng		98
87) Benzo(b)fluoranthene	15.13	252	346810	28.576	ng		98
88) Benzo(k)fluoranthene	15.16	252	400559	35.050	ng		99
89) Benzo(a)pyrene	15.51	252	345867	31.913	ng		99
90) Dibenzo(a,h)anthracene	17.12	278	292632	34.944	ng		97
91) Benzo(g,h,i)perylene	17.60	276	274852	33.581	ng		99

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

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