Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107045.D
Acq On : 2 Jul 2018 15:36
Operator : JU/SJ
Sample : J3742-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JCSA-302MSD

Manual Integrations APPROVED
Sohil
7/3/2018 5:29:51 PM

Quant Time: Jul 02 17:43:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87218	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	325862	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	164894	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	296409	20.00	ng		0.00
75) Chrysene-d12	14.15	240	226793	20.00	ng		-0.01
86) Perylene-d12	15.70	264	201071	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	556328	108.01	ng		0.02
7) Phenol-d6	6.61	99	646604	100.53	ng		0.00
23) Nitrobenzene-d5	7.53	82	498665	85.04	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	250342	130.99	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	906929	94.80	ng		0.00
78) Terphenyl-d14	13.08	244	919189	98.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	80758	30.497	ng	#	84
3) Pyridine	3.72	79	181732	25.305	ng		98
4) n-Nitrosodimethylamine	3.68	42	97113	31.838	ng		87
6) Aniline	6.63	93	122553	14.046	ng	#	26
8) 2-Chlorophenol	6.75	128	225901	39.987	ng		98
9) Benzaldehyde	6.51	77	65875	12.542	ng		99
10) Phenol	6.62	94	234356	31.925	ng		86
11) bis(2-Chloroethyl)ether	6.70	93	231469	38.195	ng		100
12) 1,3-Dichlorobenzene	6.90	146	272564	41.193	ng		97
13) 1,4-Dichlorobenzene	6.98	146	274542	41.041	ng		97
14) 1,2-Dichlorobenzene	7.13	146	251196	40.974	ng		97
15) Benzyl Alcohol	7.11	79	185024	35.824	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	315134	39.634	ng	#	18
17) 2-Methylphenol	7.22	107	191881	39.689	ng	#	87
18) Hexachloroethane	7.46	117	88442	37.596	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	159899	37.713	ng		92
20) 3+4-Methylphenols	7.38	107	236911	45.551	ng		89
22) Acetophenone	7.37	105	323829	44.419	ng		99
24) Nitrobenzene	7.55	77	251300	41.978	ng		97
25) Isophorone	7.78	82	463224	44.832	ng		99
26) 2-Nitrophenol	7.86	139	131279	46.453	ng		94
27) 2,4-Dimethylphenol	7.90	122	213905	48.970	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	301592	43.473	ng		99
29) 2,4-Dichlorophenol	8.11	162	217750	47.615	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	244903	48.613	ng		97
31) Naphthalene	8.27	128	682903	44.825	ng		100
32) Benzoic acid	8.05	122	108105	35.693	ng		95
33) 4-Chloroaniline	8.31	127	60487	9.462	ng		99
34) Hexachlorobutadiene	8.37	225	159827	48.689	ng		99
35) Caprolactam	8.71	113	56463m	37.877	ng		
36) 4-Chloro-3-methylphenol	8.81	107	214053	44.469	ng		96
37) 2-Methylnaphthalene	8.95	142	504395	49.949	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	266999	48.081	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	39249	13.738	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	157191	42.585	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	160877	41.768	ng	#	85
45) 1,1'-Biphenyl	9.42	154	603600	45.932	ng		99
46) 2-Chloronaphthalene	9.45	162	439857	42.523	ng		96
47) 2-Nitroaniline	9.55	65	134416	38.643	ng		99
48) Acenaphthylene	9.87	152	667073	40.847	ng		98
49) Dimethylphthalate	9.71	163	527427	42.647	ng		98
50) 2,6-Dinitrotoluene	9.79	165	118690	45.322	ng		94
51) Acenaphthene	10.04	154	410875	39.953	ng		98
52) 3-Nitroaniline	9.96	138	51856	17.208	ng		98
53) 2,4-Dinitrophenol	10.08	184	49081	38.988	ng	#	19
54) Dibenzofuran	10.21	168	611094	43.396	ng		95
55) 4-Nitrophenol	10.15	139	92624	44.033	ng		95
56) 2,4-Dinitrotoluene	10.20	165	143361	41.940	ng		91
57) Fluorene	10.55	166	482440	43.174	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	137835	45.018	ng	#	76
59) Diethylphthalate	10.41	149	487881	40.873	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	258261	44.172	ng	#	87
61) 4-Nitroaniline	10.58	138	97857	32.720	ng		94
62) Azobenzene	10.70	77	446057	37.948	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	45873	25.037	ng		76
65) n-Nitrosodiphenylamine	10.66	169	415961	41.722	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	171696	48.536	ng	#	80
67) Hexachlorobenzene	11.11	284	177841	48.033	ng	#	81
68) Atrazine	11.19	200	142881	45.081	ng		93
69) Pentachlorophenol	11.31	266	119144	64.493	ng		99
70) Phenanthrene	11.52	178	646886	45.248	ng		99
71) Anthracene	11.58	178	656445	44.985	ng		99
72) Carbazole	11.73	167	567138	41.512	ng		98
73) Di-n-butylphthalate	12.04	149	709552	44.085	ng		99
74) Fluoranthene	12.72	202	659431	41.849	ng		94
76) Benzidine	12.84	184	237871	36.828	ng		97
77) Pyrene	12.95	202	649484	43.428	ng		100
79) Butylbenzylphthalate	13.55	149	260505	42.366	ng	#	88
80) Benzo(a)anthracene	14.15	228	613858	44.410	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	192699	39.666	ng	#	95
82) Chrysene	14.18	228	566289	44.532	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	319506	40.643	ng	#	93
84) Di-n-octyl phthalate	14.74	149	569764	44.464	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	483152	44.771	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	551191	44.129	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	529286	44.498	ng	#	95
89) Benzo(a)pyrene	15.64	252	508358	45.783	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	407037	43.255	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	390108	42.413	ng	#	90

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

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