Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108150.D
Acq On : 14 Aug 2018 17:40
Operator : JU/SJ
Sample : J4460-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MSD

Manual Integrations APPROVED
Sohil
8/15/2018 3:38:39 PM

Quant Time: Aug 14 18:43:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	200030	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	694622	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	289740	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	486498	20.00	ng		0.00
75) Chrysene-d12	14.22	240	462477	20.00	ng		0.00
86) Perylene-d12	15.78	264	304787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	934205	84.55	ng		0.02
7) Phenol-d6	6.64	99	1230955	83.84	ng		0.01
23) Nitrobenzene-d5	7.58	82	790793	63.53	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	238498	82.52	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1296661	71.85	ng		0.00
78) Terphenyl-d14	13.15	244	1209763	66.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.97	88	133889	23.584	ng		89
3) Pyridine	3.73	79	369143	25.242	ng		87
4) n-Nitrosodimethylamine	3.69	42	220196	26.758	ng	#	84
6) Aniline	6.68	93	414179	20.739	ng		98
8) 2-Chlorophenol	6.81	128	369865	29.723	ng		98
9) Benzaldehyde	6.57	77	230981	20.291	ng		96
10) Phenol	6.65	94	461491	30.387	ng		94
11) bis(2-Chloroethyl)ether	6.75	93	367452	29.928	ng		92
12) 1,3-Dichlorobenzene	6.96	146	413107	28.711	ng		98
13) 1,4-Dichlorobenzene	7.04	146	423265	29.279	ng		98
14) 1,2-Dichlorobenzene	7.19	146	395733	29.430	ng		98
15) Benzyl Alcohol	7.15	79	356365	28.832	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	707803	27.983	ng		96
17) 2-Methylphenol	7.26	107	306461	28.718	ng		96
18) Hexachloroethane	7.53	117	133389	25.918	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	279291	28.130	ng	#	87
20) 3+4-Methylphenols	7.41	107	391736	28.646	ng		97
22) Acetophenone	7.42	105	528205	32.521	ng	#	94
24) Nitrobenzene	7.60	77	406800	32.317	ng		97
25) Isophorone	7.84	82	724574	30.538	ng		98
26) 2-Nitrophenol	7.91	139	159935	33.644	ng	#	88
27) 2,4-Dimethylphenol	7.94	122	327797	31.128	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	450597	32.532	ng		98
29) 2,4-Dichlorophenol	8.15	162	301290	31.090	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	328972	30.790	ng		96
31) Naphthalene	8.32	128	1007792	31.902	ng		99
32) Benzoic acid	7.94	122	327797	52.940	ng	#	15
33) 4-Chloroaniline	8.37	127	265143	19.260	ng		98
34) Hexachlorobutadiene	8.44	225	215417	31.848	ng		98
35) Caprolactam	8.72	113	81149m	26.721	ng		
36) 4-Chloro-3-methylphenol	8.84	107	292752	28.003	ng		100
37) 2-Methylnaphthalene	9.02	142	651701	29.159	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	325106	36.539	ng	#	97
40) Hexachlorocyclopentadiene	9.17	237	61867	10.765	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	194720	35.266	ng		100
43) 2,4,5-Trichlorophenol	9.33	196	205012	33.730	ng	#	94
45) 1,1'-Biphenyl	9.48	154	775559	36.305	ng		99
46) 2-Chloronaphthalene	9.51	162	575640	34.094	ng		99
47) 2-Nitroaniline	9.60	65	189438	34.676	ng		89
48) Acenaphthylene	9.93	152	873955	32.741	ng		99
49) Dimethylphthalate	9.77	163	811715	40.218	ng		99
50) 2,6-Dinitrotoluene	9.84	165	134980	31.966	ng		99
51) Acenaphthene	10.10	154	497028	30.401	ng		100
52) 3-Nitroaniline	10.01	138	125623	27.191	ng		99
53) 2,4-Dinitrophenol	10.12	184	1212	7.720	ng	#	39
54) Dibenzofuran	10.27	168	730104	30.824	ng		98
55) 4-Nitrophenol	10.17	139	178297	50.963	ng		98
56) 2,4-Dinitrotoluene	10.25	165	158788	29.214	ng	#	94
57) Fluorene	10.62	166	557726	29.745	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	143888	28.323	ng	#	87
59) Diethylphthalate	10.47	149	628533	32.160	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	293050	29.994	ng		95
61) 4-Nitroaniline	10.62	138	125933	27.570	ng		97
62) Azobenzene	10.77	77	578494	28.662	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	3910	7.260	ng		90
65) n-Nitrosodiphenylamine	10.72	169	497922	34.635	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	175919	33.274	ng	#	89
67) Hexachlorobenzene	11.17	284	171966	30.914	ng	#	90
68) Atrazine	11.24	200	162016	33.600	ng		96
69) Pentachlorophenol	11.36	266	148292	55.696	ng		98
70) Phenanthrene	11.59	178	760222	33.130	ng		99
71) Anthracene	11.64	178	775777	32.986	ng		99
72) Carbazole	11.79	167	693824	33.204	ng		100
73) Di-n-butylphthalate	12.11	149	845961	35.743	ng		99
74) Fluoranthene	12.78	202	846847	33.815	ng		96
76) Benzidine	12.90	184	547357	31.677	ng		99
77) Pyrene	13.02	202	862320	29.451	ng		100
79) Butylbenzylphthalate	13.62	149	380417	32.720	ng	#	96
80) Benzo(a)anthracene	14.21	228	827293	31.170	ng		100
81) 3,3'-Dichlorobenzidine	14.17	252	293666	30.874	ng	#	95
82) Chrysene	14.25	228	772363	31.741	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	534399	33.942	ng	#	99
84) Di-n-octyl phthalate	14.79	149	932616	38.840	ng		95
85) Indeno(1,2,3-cd)pyrene	17.41	276	457880	21.717	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	598395	32.857	ng	#	96
88) Benzo(k)fluoranthene	15.34	252	589999	35.242	ng	#	96
89) Benzo(a)pyrene	15.71	252	508813	31.199	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	391476	29.012	ng	#	95
91) Benzo(g,h,i)perylene	17.90	276	379484	28.560	ng	#	90

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

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