Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108175.D
Acq On : 15 Aug 2018 19:43
Operator : JU/SJ
Sample : J4477-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-004-AMSD

Manual Integrations APPROVED
Sohil
8/16/2018 5:27:05 PM

Quant Time: Aug 16 02:32:12 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	198733	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	782530	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	384270	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	653934	20.00	ng		0.00
75) Chrysene-d12	14.21	240	414894	20.00	ng		0.00
86) Perylene-d12	15.78	264	444230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1106790	100.83	ng		0.02
7) Phenol-d6	6.64	99	1520728	104.25	ng		0.01
23) Nitrobenzene-d5	7.58	82	1000365	71.34	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	358282	93.47	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1669376	69.75	ng		0.00
78) Terphenyl-d14	13.15	244	1342423	82.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	141436	25.076	ng		89
3) Pyridine	3.73	79	405556	27.913	ng	#	84
4) n-Nitrosodimethylamine	3.68	42	242518	29.663	ng		81
6) Aniline	6.68	93	532117	26.819	ng		97
8) 2-Chlorophenol	6.81	128	431385	34.893	ng		98
9) Benzaldehyde	6.57	77	255651	22.605	ng		97
10) Phenol	6.65	94	525797	34.848	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	414367	33.969	ng		91
12) 1,3-Dichlorobenzene	6.96	146	464774	32.513	ng		98
13) 1,4-Dichlorobenzene	7.04	146	472990	32.933	ng		98
14) 1,2-Dichlorobenzene	7.19	146	442698	33.138	ng		98
15) Benzyl Alcohol	7.15	79	416395	33.909	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	811278	32.284	ng		97
17) 2-Methylphenol	7.26	107	372414	35.127	ng		96
18) Hexachloroethane	7.53	117	166652	32.592	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	329398	33.393	ng		92
20) 3+4-Methylphenols	7.41	107	465737	34.280	ng	#	84
22) Acetophenone	7.42	105	617050	33.723	ng	#	94
24) Nitrobenzene	7.60	77	482235	34.006	ng		98
25) Isophorone	7.84	82	883042	33.036	ng		98
26) 2-Nitrophenol	7.91	139	214634	40.079	ng		89
27) 2,4-Dimethylphenol	7.94	122	407480	34.348	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	545448	34.956	ng		98
29) 2,4-Dichlorophenol	8.15	162	384684	35.236	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	402026	33.400	ng		96
31) Naphthalene	8.32	128	1239406	34.827	ng		99
32) Benzoic acid	8.00	122	3588m	6.431	ng		
33) 4-Chloroaniline	8.37	127	362085	23.347	ng		98
34) Hexachlorobutadiene	8.43	225	253339	33.247	ng		99
35) Caprolactam	8.73	113	99964	29.219	ng	#	79
36) 4-Chloro-3-methylphenol	8.84	107	398941	33.873	ng		98
37) 2-Methylnaphthalene	9.01	142	849423	33.736	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	425811	36.084	ng		98
40) Hexachlorocyclopentadiene	9.17	237	312653	41.019	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	268528	36.670 ng		99
43) 2,4,5-Trichlorophenol	9.33	196	282276	35.017 ng		96
45) 1,1'-Biphenyl	9.48	154	1020616	36.023 ng		99
46) 2-Chloronaphthalene	9.51	162	797596	35.619 ng		99
47) 2-Nitroaniline	9.60	65	272419	37.599 ng		87
48) Acenaphthylene	9.93	152	1245028	35.169 ng		99
49) Dimethylphthalate	9.78	163	1002854	37.465 ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	208973	37.315 ng		95
51) Acenaphthene	10.10	154	719295	33.173 ng		99
52) 3-Nitroaniline	10.01	138	183808	29.998 ng		93
53) 2,4-Dinitrophenol	10.12	184	7843	10.434 ng	#	24
54) Dibenzofuran	10.27	168	1068154	34.002 ng		97
55) 4-Nitrophenol	10.17	139	237252	51.132 ng		83
56) 2,4-Dinitrotoluene	10.25	165	264044	36.629 ng	#	99
57) Fluorene	10.61	166	840965	33.817 ng		97
58) 2,3,4,6-Tetrachlorophenol	10.38	232	195881	29.073 ng	#	86
59) Diethylphthalate	10.47	149	916003	35.340 ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	437237	33.743 ng		93
61) 4-Nitroaniline	10.63	138	192610	31.794 ng		93
62) Azobenzene	10.77	77	888773	33.202 ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	29362	15.983 ng		93
65) n-Nitrosodiphenylamine	10.72	169	765979	39.638 ng		98
66) 4-Bromophenyl-phenylether	11.10	248	270549	38.070 ng	#	87
67) Hexachlorobenzene	11.17	284	271614	36.326 ng	#	87
68) Atrazine	11.24	200	246070	37.965 ng		96
69) Pentachlorophenol	11.36	266	158114	44.180 ng		99
70) Phenanthrene	11.58	178	1150064	37.287 ng		99
71) Anthracene	11.64	178	1130118	35.749 ng		99
72) Carbazole	11.79	167	915516	32.596 ng		99
73) Di-n-butylphthalate	12.11	149	1208659	37.992 ng		99
74) Fluoranthene	12.78	202	1051500	31.237 ng		97
76) Benzidine	12.90	184	454893	29.345 ng		97
77) Pyrene	13.01	202	1006673	38.324 ng		99
79) Butylbenzylphthalate	13.61	149	386689	37.074 ng		96
80) Benzo(a)anthracene	14.21	228	886301	37.223 ng		100
81) 3,3'-Dichlorobenzidine	14.16	252	277501	32.520 ng	#	95
82) Chrysene	14.24	228	800055	36.650 ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	525795	37.226 ng		99
84) Di-n-octyl phthalate	14.79	149	919992	42.709 ng		96
85) Indeno(1,2,3-cd)pyrene	17.40	276	782743	41.384 ng	#	90
87) Benzo(b)fluoranthene	15.31	252	945005	35.601 ng	#	96
88) Benzo(k)fluoranthene	15.34	252	794761	32.571 ng	#	96
89) Benzo(a)pyrene	15.71	252	846583	35.616 ng	#	96
90) Dibenzo(a,h)anthracene	17.42	278	638664	32.473 ng	#	93
91) Benzo(g,h,i)perylene	17.89	276	604957	31.238 ng	#	91

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

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