Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110946.D
Acq On : 23 Nov 2018 16:13
Operator : JU/SJ
Sample : J6003-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-AMSD

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:12:01 PM

Quant Time: Nov 23 21:15:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56062	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	190599	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	91767	20.00	ng		0.01
64) Phenanthrene-d10	11.50	188	130279	20.00	ng		0.01
76) Chrysene-d12	14.13	240	135617	20.00	ng		0.00
87) Perylene-d12	15.66	264	136542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	464730	134.65	ng		0.00
7) Phenol-d6	6.57	99	578426	131.06	ng		0.00
23) Nitrobenzene-d5	7.51	82	360330	108.87	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	94004	101.66	ng		0.02
45) 2-Fluorobiphenyl	9.31	172	515153	80.17	ng		0.00
79) Terphenyl-d14	13.06	244	476398	65.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	50865	29.578	ng	#	85
3) Pyridine	3.59	79	134034	36.109	ng	#	84
4) n-Nitrosodimethylamine	3.54	42	75616	47.476	ng		86
6) Aniline	6.61	93	36324	6.311	ng	#	65
8) 2-Chlorophenol	6.73	128	164797	40.730	ng		98
9) Benzaldehyde	6.50	77	70747	27.455	ng		96
10) Phenol	6.58	94	223088	43.592	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	144340	37.634	ng		93
12) 1,3-Dichlorobenzene	6.88	146	166693	37.654	ng		97
13) 1,4-Dichlorobenzene	6.96	146	174521	38.821	ng		97
14) 1,2-Dichlorobenzene	7.11	146	161437	38.603	ng		99
15) Benzyl Alcohol	7.08	79	142418	41.234	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	221825	36.829	ng		83
17) 2-Methylphenol	7.19	107	124500	38.664	ng	#	88
18) Hexachloroethane	7.45	117	63767	38.422	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	129936	46.121	ng		96
20) 3+4-Methylphenols	7.35	107	160951	38.937	ng	#	73
22) Acetophenone	7.35	105	219879	49.500	ng	#	89
24) Nitrobenzene	7.53	77	169295	49.926	ng		94
25) Isophorone	7.76	82	342291	63.101	ng	#	89
26) 2-Nitrophenol	7.85	139	84290	49.827	ng	#	83
27) 2,4-Dimethylphenol	7.87	122	143493	55.698	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	170726	46.484	ng	#	84
29) 2,4-Dichlorophenol	8.09	162	125608	47.383	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	121361	40.605	ng		94
31) Naphthalene	8.25	128	461455	51.573	ng	#	94
32) Benzoic acid	7.97	122	13346	7.322	ng	#	1
33) 4-Chloroaniline	8.30	127	33623	8.296	ng	#	28
34) Hexachlorobutadiene	8.36	225	71287	41.758	ng		97
35) Caprolactam	8.67	113	30925	34.917	ng	#	1
36) 4-Chloro-3-methylphenol	8.79	107	126769	44.341	ng		96
37) 2-Methylnaphthalene	8.97	142	2115502	360.664	ng		98
38) 1-Methylnaphthalene	9.07	142	1408906	249.762	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	96998	33.392	ng	#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	16152	20.528	ng		100
43) 2,4,6-Trichlorophenol	9.23	196	60366	33.071	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	63872	32.804	ng	#	26
46) 1,1'-Biphenyl	9.42	154	295986	34.576	ng		98
47) 2-Chloronaphthalene	9.45	162	208889	33.870	ng	#	91
48) 2-Nitroaniline	9.55	65	87069	45.813	ng	#	73
49) Acenaphthylene	9.87	152	352870	39.730	ng	#	86
50) Dimethylphthalate	9.72	163	186042	27.170	ng	#	83
51) 2,6-Dinitrotoluene	9.79	165	52659	34.959	ng	#	59
52) Acenaphthene	10.04	154	273143	48.663	ng	#	83
53) 3-Nitroaniline	9.96	138	39706	22.753	ng	#	80
54) 2,4-Dinitrophenol	10.05	184	1485	7.031	ng	#	1
55) Dibenzofuran	10.22	168	326230	39.725	ng	#	76
56) 4-Nitrophenol	10.12	139	146643	126.661	ng		79
57) 2,4-Dinitrotoluene	10.22	165	94269	48.133	ng	#	89
58) Fluorene	10.56	166	380803	60.370	ng	#	90
59) 2,3,4,6-Tetrachlorophenol	10.34	232	42723	27.892	ng	#	40
60) Diethylphthalate	10.41	149	218589	32.268	ng		95
61) 4-Chlorophenyl-phenylether	10.54	204	97526	29.861	ng	#	81
62) 4-Nitroaniline	10.58	138	48114	27.379	ng		94
63) Azobenzene	10.70	77	231278	34.993	ng	#	72
65) 4,6-Dinitro-2-methylphenol	10.63	198	18603	28.333	ng	#	1
66) n-Nitrosodiphenylamine	10.66	169	618056	140.747	ng	#	74
67) 4-Bromophenyl-phenylether	11.03	248	54924	38.146	ng	#	76
68) Hexachlorobenzene	11.13	284	57450	37.845	ng	#	84
69) Atrazine	11.17	200	74382	55.398	ng		94
70) Pentachlorophenol	11.31	266	43886	54.179	ng		95
71) Phenanthrene	11.52	178	790408	113.244	ng		98
72) Anthracene	11.57	178	345343m	49.049	ng		
73) Carbazole	11.73	167	289792	42.857	ng		94
74) Di-n-butylphthalate	12.03	149	330069	41.626	ng		97
75) Fluoranthene	12.71	202	367408	52.505	ng		98
77) Benzidine	12.82	184	71612	19.202	ng	#	97
78) Pyrene	12.94	202	393023	37.638	ng		96
80) Butylbenzylphthalate	13.52	149	165009	36.714	ng		100
81) Benzo(a)anthracene	14.12	228	351925	43.416	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	22459	8.271	ng		100
83) Chrysene	14.16	228	328406	42.525	ng		100
84) Bis(2-ethylhexyl)phthalate	14.07	149	234954	42.141	ng		97
85) Di-n-octyl phthalate	14.69	149	414657	50.575	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	339835	61.324	ng		98
88) Benzo(b)fluoranthene	15.20	252	355743	43.551	ng		99
89) Benzo(k)fluoranthene	15.23	252	302549	37.484	ng		98
90) Benzo(a)pyrene	15.60	252	328563	44.271	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	283536	45.145	ng		99
92) Benzo(g,h,i)perylene	17.73	276	267454	42.920	ng		99

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

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