Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110945.D
Acq On : 23 Nov 2018 15:45
Operator : JU/SJ
Sample : J6003-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:11:57 PM

Quant Time: Nov 23 21:14:25 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	54490	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	188164	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	90471	20.00	ng		0.01
64) Phenanthrene-d10	11.50	188	132128	20.00	ng		0.01
76) Chrysene-d12	14.13	240	132479	20.00	ng		0.00
87) Perylene-d12	15.66	264	134994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	450656	134.34	ng		0.00
7) Phenol-d6	6.57	99	553383	129.00	ng		0.00
23) Nitrobenzene-d5	7.51	82	345475	105.74	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	92307	101.26	ng		0.02
45) 2-Fluorobiphenyl	9.31	172	500043	78.94	ng		0.00
79) Terphenyl-d14	13.06	244	471339	66.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	47970	28.699	ng	#	84
3) Pyridine	3.59	79	130457	36.159	ng	#	85
4) n-Nitrosodimethylamine	3.53	42	71713	46.325	ng	#	84
6) Aniline	6.61	93	76937	13.753	ng	#	57
8) 2-Chlorophenol	6.73	128	158110	40.205	ng		97
9) Benzaldehyde	6.50	77	66067	26.138	ng		98
10) Phenol	6.58	94	214133	43.049	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	142566	38.244	ng		94
12) 1,3-Dichlorobenzene	6.88	146	161303	37.487	ng		98
13) 1,4-Dichlorobenzene	6.96	146	166600	38.129	ng		97
14) 1,2-Dichlorobenzene	7.11	146	155043	38.143	ng		98
15) Benzyl Alcohol	7.08	79	138608	41.289	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	213973	36.551	ng		82
17) 2-Methylphenol	7.19	107	120952	38.645	ng	#	87
18) Hexachloroethane	7.45	117	61592	38.183	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	130315	47.590	ng		97
20) 3+4-Methylphenols	7.35	107	155533	38.712	ng	#	75
22) Acetophenone	7.35	105	213519	48.690	ng	#	92
24) Nitrobenzene	7.53	77	164646	49.183	ng		95
25) Isophorone	7.76	82	334481	62.459	ng	#	88
26) 2-Nitrophenol	7.85	139	81607	48.866	ng	#	76
27) 2,4-Dimethylphenol	7.87	122	139113	54.696	ng		92
28) bis(2-Chloroethoxy)methane	7.96	93	166086	45.806	ng	#	82
29) 2,4-Dichlorophenol	8.09	162	123400	47.153	ng		90
30) 1,2,4-Trichlorobenzene	8.17	180	114468	38.794	ng		95
31) Naphthalene	8.25	128	452122	51.184	ng	#	91
32) Benzoic acid	8.00	122	12908	7.173	ng	#	35
33) 4-Chloroaniline	8.30	127	45658	11.411	ng	#	56
34) Hexachlorobutadiene	8.36	225	68550	40.674	ng		97
35) Caprolactam	8.67	113	32705m	37.405	ng		
36) 4-Chloro-3-methylphenol	8.79	107	125280	44.387	ng		94
37) 2-Methylnaphthalene	8.97	142	2283951	394.421	ng		98
38) 1-Methylnaphthalene	9.07	142	1458815	261.956	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	92749	32.387	ng	#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	16498	20.993	ng		97
43) 2,4,6-Trichlorophenol	9.23	196	58578	32.551	ng		98
44) 2,4,5-Trichlorophenol	9.28	196	64470	33.585	ng	#	23
46) 1,1'-Biphenyl	9.42	154	284839	33.750	ng		100
47) 2-Chloronaphthalene	9.45	162	203737	33.508	ng	#	89
48) 2-Nitroaniline	9.55	65	83180	44.394	ng	#	71
49) Acenaphthylene	9.87	152	343706	39.252	ng	#	79
50) Dimethylphthalate	9.72	163	165183	24.469	ng	#	83
51) 2,6-Dinitrotoluene	9.79	165	50026	33.687	ng	#	29
52) Acenaphthene	10.04	154	275663	49.815	ng	#	80
53) 3-Nitroaniline	9.96	138	53181	30.911	ng	#	86
54) 2,4-Dinitrophenol	10.06	184	1463	7.029	ng	#	1
55) Dibenzofuran	10.22	168	323695	39.981	ng	#	60
56) 4-Nitrophenol	10.12	139	131880	115.542	ng	#	78
57) 2,4-Dinitrotoluene	10.22	165	92359	47.833	ng	#	83
58) Fluorene	10.56	166	399534	64.247	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	10.34	232	42188	27.937	ng	#	37
60) Diethylphthalate	10.41	149	209823	31.417	ng		96
61) 4-Chlorophenyl-phenylether	10.54	204	95065	29.525	ng	#	76
62) 4-Nitroaniline	10.58	138	52073	30.057	ng		92
63) Azobenzene	10.70	77	230737	35.411	ng	#	70
65) 4,6-Dinitro-2-methylphenol	10.63	198	16136	24.232	ng	#	1
66) n-Nitrosodiphenylamine	10.66	169	635601	142.716	ng	#	64
67) 4-Bromophenyl-phenylether	11.03	248	53709	36.780	ng	#	70
68) Hexachlorobenzene	11.13	284	55901	36.309	ng	#	77
69) Atrazine	11.18	200	74022	54.358	ng		95
70) Pentachlorophenol	11.31	266	39800	48.448	ng		95
71) Phenanthrene	11.53	178	821987	116.120	ng		97
72) Anthracene	11.57	178	376349m	52.705	ng		
73) Carbazole	11.73	167	281558	41.057	ng	#	93
74) Di-n-butylphthalate	12.03	149	327211	40.688	ng	#	96
75) Fluoranthene	12.71	202	361265	50.905	ng		98
77) Benzidine	12.82	184	94616	25.971	ng		96
78) Pyrene	12.94	202	391513	38.381	ng		96
80) Butylbenzylphthalate	13.52	149	156939	35.746	ng		99
81) Benzo(a)anthracene	14.12	228	346072	43.705	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	40490	15.264	ng		97
83) Chrysene	14.16	228	325175	43.104	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	226511	41.589	ng		96
85) Di-n-octyl phthalate	14.69	149	404891	50.554	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	353260	65.256	ng		99
88) Benzo(b)fluoranthene	15.20	252	344830	42.699	ng		99
89) Benzo(k)fluoranthene	15.23	252	302085	37.856	ng		99
90) Benzo(a)pyrene	15.60	252	320708	43.708	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	292405	47.091	ng		98
92) Benzo(g,h,i)perylene	17.73	276	282879	45.916	ng		97

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

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