Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110970.D
Acq On : 26 Nov 2018 18:15
Operator : JU/SJ
Sample : J6030-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-03MSD

Manual Integrations APPROVED
mohammad
11/27/2018 11:47:45 AM

Quant Time: Nov 27 10:48:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61595	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	248950	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	123921	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	195092	20.00	ng		0.00
76) Chrysene-d12	14.13	240	127018	20.00	ng		0.00
87) Perylene-d12	15.67	264	128837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	302542	81.45	ng		0.02
7) Phenol-d6	6.59	99	262339	54.20	ng		0.02
23) Nitrobenzene-d5	7.51	82	341814	78.58	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	126042	102.41	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	626884	73.29	ng		0.00
79) Terphenyl-d14	13.06	244	489197	74.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	27944	15.703	ng		89
3) Pyridine	3.76	79	8127m	2.086	ng		
4) n-Nitrosodimethylamine	3.55	42	32698	18.338	ng	#	74
6) Aniline	6.62	93	22842	3.817	ng	#	43
8) 2-Chlorophenol	6.75	128	176417	40.077	ng		97
9) Benzaldehyde	6.50	77	68572	23.584	ng		97
10) Phenol	6.61	94	163860	30.060	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	172754	42.065	ng		96
12) 1,3-Dichlorobenzene	6.88	146	183082	37.859	ng		97
13) 1,4-Dichlorobenzene	6.96	146	186281	37.459	ng		98
14) 1,2-Dichlorobenzene	7.11	146	161792	34.568	ng		94
15) Benzyl Alcohol	7.10	79	141246	37.971	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	249120	38.117	ng	#	55
17) 2-Methylphenol	7.20	107	148727	42.494	ng		92
18) Hexachloroethane	7.44	117	70641	38.617	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	130890	41.513	ng		93
20) 3+4-Methylphenols	7.36	107	258259	55.510	ng	#	79
22) Acetophenone	7.36	105	479848	82.231	ng	#	94
24) Nitrobenzene	7.53	77	187631	41.478	ng		96
25) Isophorone	7.77	82	356692	49.989	ng		98
26) 2-Nitrophenol	7.85	139	99236	45.154	ng		96
27) 2,4-Dimethylphenol	7.88	122	189261	57.025	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	237494	49.682	ng	#	90
29) 2,4-Dichlorophenol	8.10	162	147811	42.560	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	159577	41.000	ng		96
31) Naphthalene	8.26	128	3629853	311.051	ng		97
32) Benzoic acid	8.06	122	200724m	81.345	ng		
33) 4-Chloroaniline	8.33	127	20110	4.049	ng	#	1
34) Hexachlorobutadiene	8.35	225	87721	39.570	ng		98
35) Caprolactam	8.70	113	2937	2.477	ng	#	25
36) 4-Chloro-3-methylphenol	8.78	107	165232	42.819	ng		96
37) 2-Methylnaphthalene	8.93	142	456670	59.247	ng		99
38) 1-Methylnaphthalene	9.04	142	422900	56.406	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	153765	39.445	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	1073	13.447	ng		81
43) 2,4,6-Trichlorophenol	9.22	196	104951	45.078	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	111292	45.398	ng		94
46) 1,1'-Biphenyl	9.40	154	473005	41.402	ng		99
47) 2-Chloronaphthalene	9.43	162	337181	40.704	ng		98
48) 2-Nitroaniline	9.54	65	105401	40.680	ng		98
49) Acenaphthylene	9.85	152	478060	40.585	ng		99
50) Dimethylphthalate	9.70	163	388412	42.737	ng		98
51) 2,6-Dinitrotoluene	9.77	165	85129	42.075	ng	#	90
52) Acenaphthene	10.02	154	315656	41.802	ng		99
53) 3-Nitroaniline	9.96	138	22299	9.456	ng	#	92
54) 2,4-Dinitrophenol	10.07	184	56277	78.785	ng		94
55) Dibenzofuran	10.19	168	512254	46.500	ng		98
56) 4-Nitrophenol	10.14	139	53095	42.595	ng		87
57) 2,4-Dinitrotoluene	10.19	165	104835	39.937	ng	#	88
58) Fluorene	10.53	166	419213	48.910	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	91356	45.408	ng	#	91
60) Diethylphthalate	10.40	149	380089	40.555	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	176476	39.365	ng		95
62) 4-Nitroaniline	10.57	138	48428	22.057	ng		98
63) Azobenzene	10.68	77	318773	34.896	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	38035	41.215	ng		84
66) n-Nitrosodiphenylamine	10.64	169	302949	46.647	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	98667	46.438	ng	#	89
68) Hexachlorobenzene	11.09	284	104747	46.284	ng		94
69) Atrazine	11.18	200	16055	7.762	ng		96
70) Pentachlorophenol	11.29	266	99494	110.502	ng		97
71) Phenanthrene	11.50	178	648678	62.780	ng		100
72) Anthracene	11.56	178	499516	47.470	ng		100
73) Carbazole	11.72	167	380522	37.257	ng		99
74) Di-n-butylphthalate	12.02	149	530359	44.413	ng		99
75) Fluoranthene	12.71	202	431555	40.637	ng		100
77) Benzidine	12.85	184	588	0.181	ng	#	1
78) Pyrene	12.94	202	418323	45.092	ng		98
80) Butylbenzylphthalate	13.52	149	181969	43.446	ng		98
81) Benzo(a)anthracene	14.12	228	343098	45.753	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	1971	0.767	ng	#	78
83) Chrysene	14.16	228	329922	44.692	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	259278	46.457	ng		99
85) Di-n-octyl phthalate	14.69	149	429575	48.762	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	349381	65.935	ng		98
88) Benzo(b)fluoranthene	15.21	252	355442	46.962	ng		100
89) Benzo(k)fluoranthene	15.24	252	317599	40.768	ng		98
90) Benzo(a)pyrene	15.60	252	329832	46.817	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	298231	51.306	ng		99
92) Benzo(g,h,i)perylene	17.74	276	270121	48.196	ng		100

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

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