Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111006.D
Acq On : 27 Nov 2018 13:38
Operator : JU/SJ
Sample : J6028-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED
mohammad
11/28/2018 4:42:13 PM

Quant Time: Nov 27 15:31:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:20:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	50148	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	179703	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	72822	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	134141	20.00	ng		0.00
76) Chrysene-d12	14.14	240	97410	20.00	ng		0.00
87) Perylene-d12	15.68	264	69729	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	427855	141.48	ng		0.02
7) Phenol-d6	6.57	99	521171	132.25	ng		0.00
23) Nitrobenzene-d5	7.51	82	315963	100.63	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	99822	138.02	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	514105	102.28	ng		0.00
79) Terphenyl-d14	13.06	244	480364	96.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	43411	29.964	ng		88
3) Pyridine	3.59	79	121039	38.153	ng	#	86
4) n-Nitrosodimethylamine	3.54	42	67898	46.772	ng		81
6) Aniline	6.61	93	116585	23.931	ng	#	58
8) 2-Chlorophenol	6.73	128	143279	39.979	ng		98
9) Benzaldehyde	6.50	77	52195	21.703	ng		95
10) Phenol	6.59	94	199265	44.899	ng	#	64
11) bis(2-Chloroethyl)ether	6.67	93	131233	39.249	ng		94
12) 1,3-Dichlorobenzene	6.88	146	149413	37.950	ng		99
13) 1,4-Dichlorobenzene	6.96	146	154018	38.041	ng		98
14) 1,2-Dichlorobenzene	7.11	146	142281	37.338	ng		99
15) Benzyl Alcohol	7.09	79	117723	38.871	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	199087	37.414	ng		91
17) 2-Methylphenol	7.19	107	109993	38.601	ng	#	87
18) Hexachloroethane	7.44	117	47395	31.823	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	95452	37.184	ng		95
20) 3+4-Methylphenols	7.35	107	142044	37.500	ng	#	40
22) Acetophenone	7.35	105	192895	45.794	ng	#	92
24) Nitrobenzene	7.53	77	141964	43.476	ng		97
25) Isophorone	7.76	82	244651	47.499	ng		98
26) 2-Nitrophenol	7.85	139	63661	40.129	ng		94
27) 2,4-Dimethylphenol	7.87	122	118254	49.360	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	156931	45.479	ng		99
29) 2,4-Dichlorophenol	8.09	162	104253	41.585	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	117409	41.790	ng		94
31) Naphthalene	8.25	128	380413	45.160	ng		100
33) 4-Chloroaniline	8.30	127	72412	20.197	ng		98
34) Hexachlorobutadiene	8.35	225	65208	40.750	ng		100
35) Caprolactam	8.66	113	30579	35.728	ng		89
36) 4-Chloro-3-methylphenol	8.78	107	108762	39.046	ng		98
37) 2-Methylnaphthalene	8.93	142	243894	43.835	ng		99
38) 1-Methylnaphthalene	9.03	142	226171m	41.791	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98606	43.044	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	63029	46.068	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	66291	46.016	ng		96
46) 1,1'-Biphenyl	9.40	154	281554	41.937	ng		98
47) 2-Chloronaphthalene	9.43	162	210486	43.240	ng		99
48) 2-Nitroaniline	9.53	65	69655	45.747	ng		96
49) Acenaphthylene	9.85	152	320677	46.327	ng		99
50) Dimethylphthalate	9.69	163	311556	58.335	ng	#	99
51) 2,6-Dinitrotoluene	9.77	165	48472	40.768	ng		91
52) Acenaphthene	10.02	154	192780	43.444	ng		97
53) 3-Nitroaniline	9.95	138	51193	36.942	ng		92
54) 2,4-Dinitrophenol	10.10	184	304	4.407	ng	#	85
55) Dibenzofuran	10.19	168	272738	42.130	ng		98
56) 4-Nitrophenol	10.12	139	64550	83.592	ng		96
57) 2,4-Dinitrotoluene	10.19	165	60418	39.167	ng		95
58) Fluorene	10.53	166	224822	44.636	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	51966	43.954	ng	#	90
60) Diethylphthalate	10.39	149	237713	43.161	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	106335	40.363	ng		98
62) 4-Nitroaniline	10.57	138	53705	41.623	ng		97
63) Azobenzene	10.68	77	213001	39.678	ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	2003	3.157	ng	#	61
66) n-Nitrosodiphenylamine	10.64	169	190485	42.657	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	59509	40.734	ng	#	91
68) Hexachlorobenzene	11.09	284	62948	40.453	ng	#	89
69) Atrazine	11.16	200	60401	52.560	ng		99
70) Pentachlorophenol	11.29	266	50526	81.614	ng		95
71) Phenanthrene	11.50	178	379372	53.399	ng		99
72) Anthracene	11.56	178	351159	48.535	ng		99
73) Carbazole	11.72	167	299087	42.589	ng		100
74) Di-n-butylphthalate	12.02	149	368721	44.907	ng		98
75) Fluoranthene	12.70	202	466424	63.877	ng		98
77) Benzidine	12.82	184	123940	49.744	ng		96
78) Pyrene	12.94	202	461388	64.851	ng		98
80) Butylbenzylphthalate	13.53	149	166573	51.858	ng		97
81) Benzo(a)anthracene	14.13	228	311165	54.107	ng		98
82) 3,3'-Dichlorobenzidine	14.08	252	76902	38.998	ng		100
83) Chrysene	14.17	228	287980	50.868	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	218788	51.118	ng		97
85) Di-n-octyl phthalate	14.69	149	332998	49.288	ng		99
86) Indeno(1,2,3-cd)pyrene	17.28	276	206342	50.777	ng		98
88) Benzo(b)fluoranthene	15.22	252	226978	55.410	ng		98
89) Benzo(k)fluoranthene	15.25	252	202233	47.965	ng		99
90) Benzo(a)pyrene	15.62	252	201401	52.820	ng		99
91) Dibenzo(a,h)anthracene	17.28	278	154494	49.108	ng		99
92) Benzo(g,h,i)perylene	17.77	276	166190	54.787	ng		99

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

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