Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110975.D
Acq On : 26 Nov 2018 20:33
Operator : JU/SJ
Sample : J6028-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED
mohammad
11/27/2018 11:47:54 AM

Quant Time: Nov 27 03:45:21 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	68660	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	247898	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	96375	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	161951	20.00	ng		0.00
76) Chrysene-d12	14.14	240	105471	20.00	ng		0.00
87) Perylene-d12	15.67	264	81438	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	576016	139.12	ng		0.02
7) Phenol-d6	6.58	99	701749	130.06	ng		0.01
23) Nitrobenzene-d5	7.51	82	433698	100.13	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	123412	128.94	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	684804	102.94	ng		0.00
79) Terphenyl-d14	13.06	244	524873	96.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	64362	32.447	ng		89
3) Pyridine	3.61	79	185771	42.769	ng	#	84
4) n-Nitrosodimethylamine	3.57	42	103094	51.870	ng		86
6) Aniline	6.61	93	100851	15.120	ng	#	61
8) 2-Chlorophenol	6.73	128	208684	42.529	ng		97
9) Benzaldehyde	6.50	77	80149	25.014	ng		96
10) Phenol	6.59	94	284790	46.868	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	193821	42.339	ng		92
12) 1,3-Dichlorobenzene	6.88	146	222643	41.303	ng		99
13) 1,4-Dichlorobenzene	6.96	146	228099	41.148	ng		97
14) 1,2-Dichlorobenzene	7.11	146	206259	39.534	ng		98
15) Benzyl Alcohol	7.09	79	173308	41.796	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	296297	40.670	ng		94
17) 2-Methylphenol	7.19	107	163550	41.921	ng	#	89
18) Hexachloroethane	7.44	117	68083	33.389	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	143542	40.841	ng		96
20) 3+4-Methylphenols	7.35	107	209385	40.374	ng	#	49
22) Acetophenone	7.35	105	284625	48.983	ng	#	91
24) Nitrobenzene	7.53	77	209921	46.603	ng		95
25) Isophorone	7.76	82	372265	52.393	ng		98
26) 2-Nitrophenol	7.85	139	98620	45.064	ng		94
27) 2,4-Dimethylphenol	7.87	122	170276	51.522	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	235001	49.369	ng		99
29) 2,4-Dichlorophenol	8.09	162	158311	45.777	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	173553	44.780	ng		96
31) Naphthalene	8.25	128	563515	48.494	ng		100
32) Benzoic acid	7.97	122	6412m	2.610	ng		
33) 4-Chloroaniline	8.30	127	50479	10.206	ng		97
34) Hexachlorobutadiene	8.35	225	97477	44.158	ng		99
35) Caprolactam	8.67	113	44910	38.038	ng	#	82
36) 4-Chloro-3-methylphenol	8.79	107	159781	41.582	ng		98
37) 2-Methylnaphthalene	8.93	142	359691	46.863	ng		99
38) 1-Methylnaphthalene	9.03	142	330912	44.324	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	148140	48.863	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	509	12.118	ng		74
43) 2,4,6-Trichlorophenol	9.22	196	94778	52.344	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	94662	49.651	ng		91
46) 1,1'-Biphenyl	9.40	154	414910	46.697	ng		99
47) 2-Chloronaphthalene	9.43	162	303737	47.147	ng		97
48) 2-Nitroaniline	9.53	65	102894	51.063	ng		97
49) Acenaphthylene	9.85	152	451074	49.240	ng		98
50) Dimethylphthalate	9.70	163	441528	62.467	ng		99
51) 2,6-Dinitrotoluene	9.77	165	69762	44.335	ng		94
52) Acenaphthene	10.02	154	271599	46.248	ng		98
53) 3-Nitroaniline	9.95	138	62046	33.832	ng		93
54) 2,4-Dinitrophenol	10.09	184	1453	6.210	ng		95
55) Dibenzofuran	10.19	168	382875	44.689	ng		97
56) 4-Nitrophenol	10.12	139	88384	86.338	ng		98
57) 2,4-Dinitrotoluene	10.19	165	83312	40.809	ng	#	82
58) Fluorene	10.53	166	308575	46.292	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	71552	45.729	ng	#	92
60) Diethylphthalate	10.39	149	341162	46.806	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	146619	42.053	ng		96
62) 4-Nitroaniline	10.57	138	70184	41.102	ng		97
63) Azobenzene	10.68	77	293948	41.375	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	3372	4.402	ng		74
66) n-Nitrosodiphenylamine	10.64	169	262737	48.734	ng		98
67) 4-Bromophenyl-phenylether	11.01	248	81680	46.310	ng	#	91
68) Hexachlorobenzene	11.09	284	82994	44.177	ng	#	94
69) Atrazine	11.16	200	80134	Below Cal			98
70) Pentachlorophenol	11.29	266	71080	95.099	ng		96
71) Phenanthrene	11.50	178	471371	54.955	ng		99
72) Anthracene	11.56	178	447390	51.217	ng		99
73) Carbazole	11.72	167	380573	44.887	ng		100
74) Di-n-butylphthalate	12.02	149	481069	48.529	ng		100
75) Fluoranthene	12.70	202	546279	61.966	ng		98
77) Benzidine	12.82	184	165946	61.513	ng		96
78) Pyrene	12.93	202	531638	69.014	ng		98
80) Butylbenzylphthalate	13.53	149	191518	55.067	ng		96
81) Benzo(a)anthracene	14.13	228	348391	55.950	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	78479	36.756	ng		99
83) Chrysene	14.16	228	319235	52.079	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	252590	54.505	ng		96
85) Di-n-octyl phthalate	14.69	149	375451	51.324	ng	#	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	250668	56.970	ng		100
88) Benzo(b)fluoranthene	15.22	252	261735	54.709	ng		97
89) Benzo(k)fluoranthene	15.24	252	248443	50.453	ng		99
90) Benzo(a)pyrene	15.61	252	246505	55.354	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	192117	52.287	ng		98
92) Benzo(g,h,i)perylene	17.76	276	202709	57.218	ng		99

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

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