Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114837.D
Acq On : 5 Jun 2019 23:54
Operator : HP/JU
Sample : K3189-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-8CMSD

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:36 PM

Quant Time: Jun 06 07:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	355930	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1389519	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	698893	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1362999	20.00	ng		0.00
76) Chrysene-d12	13.80	240	681446	20.00	ng		0.00
87) Perylene-d12	15.17	264	953896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2187036	107.37	ng		0.02
7) Phenol-d6	6.32	99	2728265	110.07	ng		0.01
23) Nitrobenzene-d5	7.23	82	1716773	76.06	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	808052	107.29	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	2897855	77.67	ng		0.00
79) Terphenyl-d14	12.76	244	2957656	84.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	302125	31.066	ng		99
3) Pyridine	3.00	79	826995	30.941	ng		99
4) n-Nitrosodimethylamine	2.93	42	359217	36.722	ng		94
6) Aniline	6.33	93	729786	20.750	ng	#	76
8) 2-Chlorophenol	6.46	128	909833	38.658	ng		98
9) Benzaldehyde	6.21	77	278698	16.210	ng		99
10) Phenol	6.33	94	1035676	36.539	ng		88
11) bis(2-Chloroethyl)ether	6.41	93	847687	38.321	ng		98
12) 1,3-Dichlorobenzene	6.61	146	974896	35.548	ng		98
13) 1,4-Dichlorobenzene	6.69	146	982182	35.593	ng		99
14) 1,2-Dichlorobenzene	6.84	146	925709	37.144	ng		99
15) Benzyl Alcohol	6.82	79	739836	39.471	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1189463	37.597	ng		99
17) 2-Methylphenol	6.93	107	757973	37.678	ng		99
18) Hexachloroethane	7.19	117	351187	33.812	ng		94
19) n-Nitroso-di-n-propylamine	7.09	70	598960	36.506	ng		98
20) 3+4-Methylphenols	7.09	107	861635	38.832	ng		98
22) Acetophenone	7.08	105	1210716	39.576	ng	#	98
24) Nitrobenzene	7.25	77	915502	39.150	ng		100
25) Isophorone	7.49	82	1736575	38.915	ng		97
26) 2-Nitrophenol	7.57	139	527088	41.617	ng		97
27) 2,4-Dimethylphenol	7.62	122	841373	43.708	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1101433	38.612	ng		99
29) 2,4-Dichlorophenol	7.81	162	812366	40.112	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	864858	37.217	ng		98
31) Naphthalene	7.97	128	2519161	40.270	ng		99
32) Benzoic acid	7.73	122	434396	30.983	ng		95
33) 4-Chloroaniline	8.02	127	359590	12.049	ng		98
34) Hexachlorobutadiene	8.10	225	471453	35.685	ng		99
35) Caprolactam	8.39	113	261289m	39.494	ng		
36) 4-Chloro-3-methylphenol	8.51	107	833258	41.347	ng		99
37) 2-Methylnaphthalene	8.66	142	1764799	40.673	ng		99
38) 1-Methylnaphthalene	8.76	142	1672924	40.656	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	774424	38.450	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	584385	47.840	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	604906	38.624	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	638924	40.509	ng	97
46) 1,1'-Biphenyl	9.13	154	2045880	39.497	ng	99
47) 2-Chloronaphthalene	9.15	162	1679968	38.169	ng	98
48) 2-Nitroaniline	9.24	65	498749	37.971	ng	100
49) Acenaphthylene	9.56	152	2565257	40.190	ng	98
50) Dimethylphthalate	9.43	163	2536334	49.689	ng	99
51) 2,6-Dinitrotoluene	9.49	165	484245	40.339	ng	95
52) Acenaphthene	9.73	154	1690215	40.424	ng	100
53) 3-Nitroaniline	9.65	138	367152	26.181	ng	98
54) 2,4-Dinitrophenol	9.76	184	323246	59.506	ng	98
55) Dibenzofuran	9.90	168	2251185	38.719	ng	100
56) 4-Nitrophenol	9.82	139	808498	78.679	ng	96
57) 2,4-Dinitrotoluene	9.89	165	645421	42.768	ng	90
58) Fluorene	10.25	166	1600857	42.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	532769	41.229	ng	100
60) Diethylphthalate	10.13	149	2073771	40.487	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	812430	36.483	ng	98
62) 4-Nitroaniline	10.26	138	460768	33.876	ng	95
63) Azobenzene	10.40	77	1796827	41.212	ng	97
65) 4,6-Dinitro-2-methylphenol	10.29	198	230658	32.578	ng	92
66) n-Nitrosodiphenylamine	10.36	169	1647098	39.964	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	575816	37.197	ng	93
68) Hexachlorobenzene	10.79	284	606236	35.783	ng	95
69) Atrazine	10.89	200	547611	38.204	ng	98
70) Pentachlorophenol	10.99	266	690312	70.483	ng	98
71) Phenanthrene	11.20	178	2595384	39.887	ng	100
72) Anthracene	11.25	178	2599905	37.967	ng	98
73) Carbazole	11.40	167	2353484	40.092	ng	97
74) Di-n-butylphthalate	11.75	149	3093237	40.063	ng	100
75) Fluoranthene	12.37	202	2540479	37.513	ng	97
77) Benzidine	12.50	184	930104	27.571	ng	96
78) Pyrene	12.60	202	2486655	42.064	ng	99
80) Butylbenzylphthalate	13.23	149	1361156	45.596	ng	97
81) Benzo(a)anthracene	13.79	228	2009528	38.268	ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	733563	34.451	ng	100
83) Chrysene	13.82	228	2032804	39.793	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2113276	55.983	ng	100
85) Di-n-octyl phthalate	14.40	149	2894919	45.134	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1903141	32.652	ng	99
88) Benzo(b)fluoranthene	14.79	252	2163466	35.626	ng	99
89) Benzo(k)fluoranthene	14.82	252	2054520	39.839	ng	98
90) Benzo(a)pyrene	15.12	252	2046052	38.927	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1638369	32.915	ng	99
92) Benzo(g,h,i)perylene	16.88	276	1473819	29.444	ng	98

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

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