Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115472.D
Acq On : 10 Jul 2019 23:02
Operator : HP/JU
Sample : K3726-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1_070919MS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:22 PM

Quant Time: Jul 11 08:20:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	142216	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	558262	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	277758	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	559348	20.00	ng		0.00
76) Chrysene-d12	14.06	240	363186	20.00	ng		-0.01
87) Perylene-d12	15.53	264	381202	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1087219	118.12	ng		0.00
7) Phenol-d6	6.52	99	1445268	123.46	ng		0.00
23) Nitrobenzene-d5	7.46	82	895577	94.78	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	411718	134.06	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1486208	93.89	ng		0.00
79) Terphenyl-d14	13.00	244	1670484	94.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	144812	32.074	ng		99
3) Pyridine	3.47	79	390449	31.275	ng		99
4) n-Nitrosodimethylamine	3.40	42	166305	32.850	ng		98
6) Aniline	6.56	93	440838	26.685	ng		98
8) 2-Chlorophenol	6.68	128	413549	39.789	ng		99
9) Benzaldehyde	6.44	77	225676	32.178	ng		98
10) Phenol	6.54	94	559609	39.954	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	393342	37.855	ng		97
12) 1,3-Dichlorobenzene	6.84	146	436901	38.368	ng		97
13) 1,4-Dichlorobenzene	6.91	146	439881	38.566	ng		99
14) 1,2-Dichlorobenzene	7.07	146	409565	38.784	ng		97
15) Benzyl Alcohol	7.03	79	374398	39.856	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	519119	35.730	ng		99
17) 2-Methylphenol	7.14	107	356876	40.079	ng		99
18) Hexachloroethane	7.41	117	156110	36.740	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	287958	36.359	ng		94
20) 3+4-Methylphenols	7.29	107	431130	40.990	ng		98
22) Acetophenone	7.30	105	568723	42.515	ng	#	93
24) Nitrobenzene	7.47	77	451897	42.348	ng		98
25) Isophorone	7.72	82	820002	40.038	ng		100
26) 2-Nitrophenol	7.79	139	224210	51.107	ng		95
27) 2,4-Dimethylphenol	7.83	122	363938	43.505	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	502081	39.756	ng		99
29) 2,4-Dichlorophenol	8.03	162	363946	43.680	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	384607	41.464	ng		98
31) Naphthalene	8.20	128	1180308	42.566	ng		100
32) Benzoic acid	7.86	122	5038m	6.765	ng		
33) 4-Chloroaniline	8.24	127	220427	17.817	ng		99
34) Hexachlorobutadiene	8.32	225	212418	40.381	ng		99
35) Caprolactam	8.60	113	118918m	43.821	ng		
36) 4-Chloro-3-methylphenol	8.72	107	386471	43.851	ng		98
37) 2-Methylnaphthalene	8.89	142	789875	42.617	ng		99
38) 1-Methylnaphthalene	8.99	142	744133	42.080	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	353626	44.255	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	365707	78.963	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	261219	44.903	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	275107	45.606	ng		96
46) 1,1'-Biphenyl	9.36	154	963408	44.120	ng		98
47) 2-Chloronaphthalene	9.38	162	773389	42.854	ng		100
48) 2-Nitroaniline	9.47	65	244787	46.167	ng		96
49) Acenaphthylene	9.80	152	1198503	43.863	ng		98
50) Dimethylphthalate	9.66	163	1228460	58.925	ng		98
51) 2,6-Dinitrotoluene	9.71	165	212956	47.100	ng		97
52) Acenaphthene	9.97	154	730864	42.501	ng		99
53) 3-Nitroaniline	9.87	138	169771	32.329	ng		95
54) 2,4-Dinitrophenol	9.98	184	51425	32.842	ng	#	81
55) Dibenzofuran	10.14	168	1070862	44.207	ng		100
56) 4-Nitrophenol	10.04	139	353624	87.037	ng		89
57) 2,4-Dinitrotoluene	10.12	165	290766	50.602	ng		88
58) Fluorene	10.48	166	794549	41.609	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	227451	43.648	ng		99
60) Diethylphthalate	10.36	149	875671	42.673	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	400781	43.001	ng		95
62) 4-Nitroaniline	10.49	138	242404	47.026	ng		98
63) Azobenzene	10.63	77	871088	41.181	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	92441	36.712	ng		94
66) n-Nitrosodiphenylamine	10.59	169	750966	42.610	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	259645	41.369	ng		97
68) Hexachlorobenzene	11.03	284	290171	41.201	ng		96
69) Atrazine	11.12	200	250315	45.894	ng		99
70) Pentachlorophenol	11.22	266	281071	65.486	ng		99
71) Phenanthrene	11.45	178	1256858	42.725	ng		99
72) Anthracene	11.50	178	1298199	44.008	ng		99
73) Carbazole	11.65	167	1188573	44.042	ng		100
74) Di-n-butylphthalate	11.98	149	1353178	41.489	ng		99
75) Fluoranthene	12.63	202	1334351	43.080	ng		97
77) Benzidine	12.75	184	568803	40.162	ng		98
78) Pyrene	12.86	202	1353644	47.928	ng		99
80) Butylbenzylphthalate	13.47	149	573576	46.481	ng		99
81) Benzo(a)anthracene	14.04	228	1022576	43.943	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	208988	24.750	ng		97
83) Chrysene	14.09	228	1049953	43.913	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	712625	46.632	ng		99
85) Di-n-octyl phthalate	14.65	149	1163336	42.762	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1222259	65.039	ng		100
88) Benzo(b)fluoranthene	15.10	252	1002635	40.397	ng		99
89) Benzo(k)fluoranthene	15.13	252	918975	41.633	ng		99
90) Benzo(a)pyrene	15.47	252	946644	44.221	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	1002443	54.799	ng		98
92) Benzo(g,h,i)perylene	17.47	276	1050067	60.647	ng		100

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

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