Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118339.D
Acq On : 27 Dec 2019 15:49
Operator : JU
Sample : K6439-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIED-BF001-01MS

Manual Integrations APPROVED
mohammad
12/29/2019 5:27:38 PM

Quant Time: Dec 28 01:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158226	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	637514	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	347713	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	651202	20.00	ng	0.00
76) Chrysene-d12	14.05	240	454217	20.00	ng	0.00
87) Perylene-d12	15.54	264	437089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	792625	85.51	ng	0.01
7) Phenol-d6	6.49	99	1013995	88.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	603440	54.14	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	358773	83.55	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1301891	57.15	ng	0.00
79) Terphenyl-d14	12.99	244	1593484	58.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	106137	28.804	ng	97
3) Pyridine	3.40	79	248523	25.314	ng	97
4) n-Nitrosodimethylamine	3.35	42	124034	30.558	ng	94
6) Aniline	6.52	93	345200	23.642	ng	99
8) 2-Chlorophenol	6.64	128	349654	33.306	ng	97
9) Benzaldehyde	6.40	77	194005	28.777	ng	98
10) Phenol	6.50	94	426527	33.002	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	301461	32.615	ng	99
12) 1,3-Dichlorobenzene	6.79	146	376827	31.167	ng	99
13) 1,4-Dichlorobenzene	6.87	146	389545	31.720	ng	99
14) 1,2-Dichlorobenzene	7.02	146	362149	31.235	ng	100
15) Benzyl Alcohol	7.00	79	289308	33.044	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	313124	31.748	ng	98
17) 2-Methylphenol	7.11	107	278368	33.060	ng	98
18) Hexachloroethane	7.36	117	140751	31.228	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	231408	32.668	ng	98
20) 3+4-Methylphenols	7.26	107	358086	33.228	ng	97
22) Acetophenone	7.26	105	476359	30.487	ng	95
24) Nitrobenzene	7.44	77	342252	30.652	ng	93
25) Isophorone	7.67	82	628564	32.357	ng	98
26) 2-Nitrophenol	7.76	139	193441	32.708	ng	98
27) 2,4-Dimethylphenol	7.79	122	301408	37.353	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	389272	30.641	ng	100
29) 2,4-Dichlorophenol	8.00	162	297148	31.994	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	329926	30.495	ng	98
31) Naphthalene	8.16	128	1039295	32.074	ng	99
32) Benzoic acid	7.93	122	177818	28.687	ng	92
33) 4-Chloroaniline	8.21	127	212794	15.319	ng	98
34) Hexachlorobutadiene	8.27	225	192879	29.950	ng	99
35) Caprolactam	8.58	113	93245m	32.158	ng	
36) 4-Chloro-3-methylphenol	8.70	107	313424	31.432	ng	98
37) 2-Methylnaphthalene	8.86	142	715827	32.267	ng	99
38) 1-Methylnaphthalene	8.96	142	672184	32.160	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	311940	29.859	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	217615	52.915	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	213818	30.635	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	230434	32.094	ng		97
46) 1,1'-Biphenyl	9.32	154	847478	30.815	ng		99
47) 2-Chloronaphthalene	9.35	162	665663	30.073	ng		99
48) 2-Nitroaniline	9.45	65	184218	29.465	ng		98
49) Acenaphthylene	9.76	152	1059727	32.281	ng		100
50) Dimethylphthalate	9.62	163	887783	34.014	ng		100
51) 2,6-Dinitrotoluene	9.69	165	179022	31.814	ng		98
52) Acenaphthene	9.93	154	615585	30.786	ng		99
53) 3-Nitroaniline	9.86	138	113942	17.252	ng		91
54) 2,4-Dinitrophenol	9.97	184	134877	49.642	ng		99
55) Dibenzofuran	10.11	168	938894	31.778	ng		100
56) 4-Nitrophenol	10.03	139	251221	61.615	ng		95
57) 2,4-Dinitrotoluene	10.10	165	241031	32.056	ng		93
58) Fluorene	10.46	166	746180	31.285	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	184936	30.315	ng		99
60) Diethylphthalate	10.32	149	827525	32.048	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	373490	31.369	ng		100
62) 4-Nitroaniline	10.48	138	189675	27.645	ng		93
63) Azobenzene	10.60	77	714274	32.295	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	111493	31.737	ng		82
66) n-Nitrosodiphenylamine	10.56	169	666275	31.924	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	236689	31.058	ng		96
68) Hexachlorobenzene	11.01	284	263242	29.345	ng	#	92
69) Atrazine	11.09	200	235233	36.519	ng		97
70) Pentachlorophenol	11.20	266	241443	62.148	ng		98
71) Phenanthrene	11.42	178	1113604	31.369	ng		100
72) Anthracene	11.47	178	1155339	32.514	ng		99
73) Carbazole	11.63	167	1003622	31.830	ng		99
74) Di-n-butylphthalate	11.95	149	1353770	33.862	ng		100
75) Fluoranthene	12.62	202	1159970	32.377	ng		98
77) Benzidine	12.74	184	658874	52.939	ng		98
78) Pyrene	12.85	202	1154589	31.128	ng		99
80) Butylbenzylphthalate	13.46	149	559886	33.524	ng		97
81) Benzo(a)anthracene	14.04	228	988763	31.099	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	268559	24.913	ng		98
83) Chrysene	14.08	228	956965	31.434	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	835775	38.058	ng		99
85) Di-n-octyl phthalate	14.63	149	1324781	41.011	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	919652	35.454	ng		100
88) Benzo(b)fluoranthene	15.10	252	873356	30.101	ng		98
89) Benzo(k)fluoranthene	15.13	252	863837	31.008	ng		100
90) Benzo(a)pyrene	15.48	252	788827	30.863	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	788602	35.555	ng		98
92) Benzo(g,h,i)perylene	17.51	276	758305	35.393	ng		98

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

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