Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117902.D
Acq On : 21 Nov 2019 10:46
Operator : JU
Sample : K5904-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-(2-4)MS

Manual Integrations APPROVED
mohammad
11/22/2019 1:20:44 PM

Quant Time: Nov 21 15:27:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134619	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	597521	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	320905	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	624379	20.00	ng		0.00
76) Chrysene-d12	14.12	240	467320	20.00	ng		0.00
87) Perylene-d12	15.62	264	478011	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	628456	82.64	ng		0.00
7) Phenol-d6	6.54	99	874946	95.38	ng		0.00
23) Nitrobenzene-d5	7.48	82	620858	61.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	284323	83.69	ng		0.00
45) 2-Fluorobiphenyl	9.28	172	1236001	69.10	ng		-0.01
79) Terphenyl-d14	13.05	244	1515635	59.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	122655	34.503	ng		97
3) Pyridine	3.48	79	322857	34.622	ng		98
4) n-Nitrosodimethylamine	3.43	42	165234	40.592	ng		99
6) Aniline	6.57	93	195517	16.129	ng		100
8) 2-Chlorophenol	6.70	128	356676	43.222	ng		97
9) Benzaldehyde	6.46	77	173027	26.195	ng		98
10) Phenol	6.55	94	446709	46.864	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	309854	40.479	ng		100
12) 1,3-Dichlorobenzene	6.86	146	398362	41.003	ng		98
13) 1,4-Dichlorobenzene	6.93	146	404905	41.232	ng		99
14) 1,2-Dichlorobenzene	7.09	146	397693	42.344	ng		99
15) Benzyl Alcohol	7.05	79	330604	46.682	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	456948	38.773	ng		99
17) 2-Methylphenol	7.16	107	311913	44.633	ng		99
18) Hexachloroethane	7.43	117	161587	44.791	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	252522	44.623	ng		96
20) 3+4-Methylphenols	7.32	107	394474	45.473	ng	#	84
22) Acetophenone	7.32	105	511101	38.072	ng	#	96
24) Nitrobenzene	7.50	77	425291	41.014	ng		100
25) Isophorone	7.74	82	754768	40.969	ng		99
26) 2-Nitrophenol	7.82	139	224950	44.570	ng		95
27) 2,4-Dimethylphenol	7.85	122	355146	45.284	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	472475	40.415	ng		99
29) 2,4-Dichlorophenol	8.06	162	353941	41.606	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	383087	38.823	ng		99
31) Naphthalene	8.23	128	1189510	42.702	ng		99
32) Benzoic acid	7.92	122	71193m	10.842	ng		
33) 4-Chloroaniline	8.27	127	130601	10.473	ng		99
34) Hexachlorobutadiene	8.35	225	219540	38.054	ng		98
35) Caprolactam	8.63	113	110215m	40.765	ng		
36) 4-Chloro-3-methylphenol	8.75	107	372733	43.173	ng		95
37) 2-Methylnaphthalene	8.92	142	835574	44.395	ng		99
38) 1-Methylnaphthalene	9.02	142	778512	43.752	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	355080	38.101	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	448185	85.816 ng	98
43) 2,4,6-Trichlorophenol	9.20	196	258453	38.719 ng	99
44) 2,4,5-Trichlorophenol	9.24	196	285860	41.246 ng	96
46) 1,1'-Biphenyl	9.39	154	1004112	42.175 ng	99
47) 2-Chloronaphthalene	9.41	162	772987	39.467 ng	98
48) 2-Nitroaniline	9.50	65	231703	39.185 ng	94
49) Acenaphthylene	9.83	152	1233331	43.191 ng	99
50) Dimethylphthalate	9.69	163	1025953	45.591 ng	98
51) 2,6-Dinitrotoluene	9.75	165	212513	43.210 ng	98
52) Acenaphthene	10.00	154	772939	42.255 ng	99
53) 3-Nitroaniline	9.92	138	118380	20.116 ng	88
54) 2,4-Dinitrophenol	10.02	184	94492	41.240 ng	90
55) Dibenzofuran	10.17	168	1094903	43.225 ng	99
56) 4-Nitrophenol	10.07	139	342374	77.941 ng	97
57) 2,4-Dinitrotoluene	10.15	165	287952	46.027 ng	99
58) Fluorene	10.52	166	851914	43.400 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	214835	37.726 ng	98
60) Diethylphthalate	10.39	149	945526	43.098 ng	100
61) 4-Chlorophenyl-phenylether	10.51	204	429847	43.150 ng	99
62) 4-Nitroaniline	10.53	138	231432	39.277 ng	98
63) Azobenzene	10.67	77	854105	42.792 ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	95287	32.690 ng	95
66) n-Nitrosodiphenylamine	10.63	169	770599	42.408 ng	100
67) 4-Bromophenyl-phenylether	11.00	248	273055	40.531 ng	98
68) Hexachlorobenzene	11.07	284	309897	39.449 ng	99
69) Atrazine	11.16	200	281403	47.077 ng	99
70) Pentachlorophenol	11.26	266	261130	56.897 ng	99
71) Phenanthrene	11.49	178	1353155	43.105 ng	98
72) Anthracene	11.54	178	1368916	43.982 ng	99
73) Carbazole	11.69	167	1251785	46.025 ng	99
74) Di-n-butylphthalate	12.02	149	1571554	46.408 ng	99
75) Fluoranthene	12.68	202	1541781	55.728 ng	99
77) Benzidine	12.79	184	382691	25.000 ng	100
78) Pyrene	12.91	202	1524367	40.363 ng	100
80) Butylbenzylphthalate	13.52	149	689791	42.525 ng	92
81) Benzo(a)anthracene	14.10	228	1306343	42.302 ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	201504	18.654 ng	98
83) Chrysene	14.14	228	1251789	41.832 ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	976444	49.653 ng	100
85) Di-n-octyl phthalate	14.70	149	1602295	55.462 ng	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	1392925	54.693 ng	99
88) Benzo(b)fluoranthene	15.17	252	1289947	41.535 ng	100
89) Benzo(k)fluoranthene	15.20	252	1235456	42.220 ng	98
90) Benzo(a)pyrene	15.56	252	1110727	40.672 ng	99
91) Dibenzo(a,h)anthracene	17.18	278	1138054	48.416 ng	98
92) Benzo(g,h,i)perylene	17.63	276	1157128	49.424 ng	99

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

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