Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117903.D
Acq On : 21 Nov 2019 11:13
Operator : JU
Sample : K5904-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/22/2019 1:20:47 PM

Quant Time: Nov 21 15:29:32 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	141632	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	628588	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	343659	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	674513	20.00	ng		0.00
76) Chrysene-d12	14.12	240	521087	20.00	ng		0.00
87) Perylene-d12	15.62	264	527489	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	632841	79.09	ng		0.00
7) Phenol-d6	6.54	99	871289	90.28	ng		0.00
23) Nitrobenzene-d5	7.48	82	561667	53.12	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	289492	79.57	ng		0.00
45) 2-Fluorobiphenyl	9.28	172	1221209	63.75	ng		-0.01
79) Terphenyl-d14	13.05	244	1533221	53.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	119084	31.840	ng		98
3) Pyridine	3.49	79	304626	31.050	ng		97
4) n-Nitrosodimethylamine	3.43	42	158207	36.941	ng		98
6) Aniline	6.57	93	200370	15.711	ng		99
8) 2-Chlorophenol	6.70	128	386830	44.555	ng		97
9) Benzaldehyde	6.46	77	185033	26.757	ng		97
10) Phenol	6.55	94	486541	48.515	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	336753	41.815	ng		99
12) 1,3-Dichlorobenzene	6.86	146	421844	41.270	ng		98
13) 1,4-Dichlorobenzene	6.93	146	426986	41.327	ng		100
14) 1,2-Dichlorobenzene	7.09	146	412184	41.714	ng		99
15) Benzyl Alcohol	7.05	79	338730	45.461	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	461586	37.227	ng		98
17) 2-Methylphenol	7.16	107	317501	43.183	ng		97
18) Hexachloroethane	7.43	117	154255	40.642	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	255041	42.836	ng		98
20) 3+4-Methylphenols	7.32	107	399355	43.756	ng	#	86
22) Acetophenone	7.32	105	520416	36.850	ng		94
24) Nitrobenzene	7.50	77	410011	37.586	ng		98
25) Isophorone	7.74	82	781973	40.348	ng		98
26) 2-Nitrophenol	7.82	139	236985	44.634	ng		94
27) 2,4-Dimethylphenol	7.85	122	369964	44.842	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	489827	39.828	ng		99
29) 2,4-Dichlorophenol	8.06	162	377800	42.216	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	408215	39.325	ng		99
31) Naphthalene	8.23	128	1269245	43.313	ng		99
32) Benzoic acid	7.92	122	83982m	12.157	ng		
33) 4-Chloroaniline	8.27	127	122727	9.355	ng		97
34) Hexachlorobutadiene	8.35	225	231158	38.087	ng		99
35) Caprolactam	8.64	113	117438m	41.290	ng		
36) 4-Chloro-3-methylphenol	8.75	107	402523	44.319	ng		93
37) 2-Methylnaphthalene	8.92	142	870763	43.978	ng		99
38) 1-Methylnaphthalene	9.02	142	821485	43.886	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	387162	38.793	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	475510	85.020	ng	99
43) 2,4,6-Trichlorophenol	9.20	196	274966	38.465	ng	99
44) 2,4,5-Trichlorophenol	9.24	196	300368	40.470	ng	98
46) 1,1'-Biphenyl	9.39	154	1058829	41.529	ng	98
47) 2-Chloronaphthalene	9.41	162	831317	39.634	ng	98
48) 2-Nitroaniline	9.50	65	249660	39.426	ng	94
49) Acenaphthylene	9.83	152	1330385	43.505	ng	99
50) Dimethylphthalate	9.69	163	1101740	45.718	ng	99
51) 2,6-Dinitrotoluene	9.75	165	214465	40.720	ng	98
52) Acenaphthene	10.00	154	838043	42.780	ng	99
53) 3-Nitroaniline	9.91	138	114130	18.109	ng	98
54) 2,4-Dinitrophenol	10.02	184	117547	46.738	ng	90
55) Dibenzofuran	10.17	168	1174451	43.295	ng	99
56) 4-Nitrophenol	10.07	139	386169	82.090	ng	98
57) 2,4-Dinitrotoluene	10.15	165	308277	46.013	ng	98
58) Fluorene	10.52	166	896938	42.669	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	230642	37.821	ng	98
60) Diethylphthalate	10.39	149	997413	42.452	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	457367	42.873	ng	99
62) 4-Nitroaniline	10.53	138	247297	39.190	ng	99
63) Azobenzene	10.67	77	927464	43.391	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	106357	33.776	ng	93
66) n-Nitrosodiphenylamine	10.63	169	814199	41.477	ng	100
67) 4-Bromophenyl-phenylether	11.00	248	289618	39.794	ng	98
68) Hexachlorobenzene	11.07	284	330032	38.890	ng	99
69) Atrazine	11.16	200	298226	46.183	ng	99
70) Pentachlorophenol	11.26	266	289196	58.329	ng	98
71) Phenanthrene	11.49	178	1477805	43.577	ng	98
72) Anthracene	11.54	178	1470601	43.738	ng	99
73) Carbazole	11.69	167	1329736	45.257	ng	99
74) Di-n-butylphthalate	12.02	149	1606297	43.908	ng	99
75) Fluoranthene	12.68	202	1610939	53.604	ng	100
77) Benzidine	12.80	184	402132	23.560	ng	98
78) Pyrene	12.91	202	1621922	38.515	ng	100
80) Butylbenzylphthalate	13.52	149	728826	40.295	ng	93
81) Benzo(a)anthracene	14.10	228	1465131	42.549	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	218021	18.101	ng	99
83) Chrysene	14.14	228	1388715	41.620	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	1001810	45.686	ng	99
85) Di-n-octyl phthalate	14.70	149	1602263	49.738	ng	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	1466885	51.654	ng	99
88) Benzo(b)fluoranthene	15.17	252	1333938	38.923	ng	100
89) Benzo(k)fluoranthene	15.20	252	1298596	40.215	ng	99
90) Benzo(a)pyrene	15.56	252	1223528	40.600	ng	100
91) Dibenzo(a,h)anthracene	17.19	278	1187941	45.798	ng	99
92) Benzo(g,h,i)perylene	17.63	276	1236740	47.870	ng	99

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

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