Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117537.D
Acq On : 25 Oct 2019 15:45
Operator : JU
Sample : K5500-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 802-00-(0-2)MSD

Manual Integrations APPROVED
mohammad
10/30/2019 4:50:46 PM

Quant Time: Oct 26 01:21:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35236	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	142101	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	70451	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	102006	20.00	ng		0.00
76) Chrysene-d12	13.89	240	69823	20.00	ng		0.00
87) Perylene-d12	15.33	264	76577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	266589	112.56	ng		0.00
7) Phenol-d6	6.39	99	370703	116.53	ng		0.00
23) Nitrobenzene-d5	7.30	82	229934	79.88	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	65612	107.63	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	372599	74.52	ng		0.00
79) Terphenyl-d14	12.83	244	273118	63.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	37337	37.495	ng	#	92
3) Pyridine	3.17	79	88599m	36.345	ng		
4) n-Nitrosodimethylamine	3.10	42	37036	41.879	ng		98
6) Aniline	6.40	93	76470	20.476	ng	#	1
8) 2-Chlorophenol	6.52	128	112735	45.108	ng		98
9) Benzaldehyde	6.28	77	65784	43.497	ng		93
10) Phenol	6.40	94	149396	46.013	ng	#	81
11) bis(2-Chloroethyl)ether	6.47	93	105763	44.040	ng		98
12) 1,3-Dichlorobenzene	6.67	146	116440	41.750	ng		100
13) 1,4-Dichlorobenzene	6.75	146	119931	42.389	ng		99
14) 1,2-Dichlorobenzene	6.90	146	112379	42.138	ng		98
15) Benzyl Alcohol	6.88	79	100895	44.393	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	108975	42.064	ng	#	39
17) 2-Methylphenol	7.00	107	95515	46.457	ng		93
18) Hexachloroethane	7.23	117	44421	40.225	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	85529	44.024	ng		96
20) 3+4-Methylphenols	7.16	107	123926	45.973	ng	#	66
22) Acetophenone	7.15	105	164031	43.471	ng	#	94
24) Nitrobenzene	7.32	77	126484	45.879	ng		99
25) Isophorone	7.56	82	232354	46.663	ng		98
26) 2-Nitrophenol	7.63	139	57816	47.020	ng		99
27) 2,4-Dimethylphenol	7.68	122	98420	53.559	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	135431	44.077	ng		99
29) 2,4-Dichlorophenol	7.89	162	87404	45.348	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	89898	43.463	ng		99
31) Naphthalene	8.03	128	321916	45.704	ng		99
32) Benzoic acid	7.83	122	45761	36.357	ng		93
33) 4-Chloroaniline	8.10	127	39851	13.406	ng		98
34) Hexachlorobutadiene	8.15	225	49501	41.348	ng		97
35) Caprolactam	8.46	113	29002m	46.840	ng		
36) 4-Chloro-3-methylphenol	8.59	107	103053	46.881	ng		99
37) 2-Methylnaphthalene	8.72	142	219223	46.190	ng		98
38) 1-Methylnaphthalene	8.82	142	206975	46.409	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	82394	43.422	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	13960	38.877 ng		97
43) 2,4,6-Trichlorophenol	9.02	196	55298	46.536 ng		95
44) 2,4,5-Trichlorophenol	9.06	196	59392	49.324 ng		96
46) 1,1'-Biphenyl	9.19	154	257938	44.225 ng		99
47) 2-Chloronaphthalene	9.21	162	194109	44.141 ng		99
48) 2-Nitroaniline	9.32	65	61589	42.663 ng		90
49) Acenaphthylene	9.62	152	301415	46.664 ng		99
50) Dimethylphthalate	9.49	163	276049	54.964 ng		99
51) 2,6-Dinitrotoluene	9.56	165	49130	46.878 ng		94
52) Acenaphthene	9.80	154	181325	45.756 ng		98
53) 3-Nitroaniline	9.73	138	23725	18.657 ng		95
54) 2,4-Dinitrophenol	9.86	184	17557	42.718 ng		95
55) Dibenzofuran	9.97	168	269697	46.973 ng		99
56) 4-Nitrophenol	9.92	139	40699	70.070 ng		94
57) 2,4-Dinitrotoluene	9.97	165	64159	46.045 ng		88
58) Fluorene	10.31	166	214775	45.235 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	40039	42.308 ng		96
60) Diethylphthalate	10.19	149	228904	45.060 ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	95179	44.681 ng		94
62) 4-Nitroaniline	10.35	138	39821	33.223 ng		91
63) Azobenzene	10.46	77	238890	45.938 ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	16986	32.752 ng		94
66) n-Nitrosodiphenylamine	10.42	169	186307	49.960 ng		98
67) 4-Bromophenyl-phenylether	10.79	248	51218	46.616 ng		98
68) Hexachlorobenzene	10.87	284	50478	42.899 ng	#	89
69) Atrazine	10.95	200	53235	56.109 ng		98
70) Pentachlorophenol	11.07	266	31171	88.367 ng		98
71) Phenanthrene	11.27	178	288675	48.737 ng		99
72) Anthracene	11.33	178	293391	48.275 ng		99
73) Carbazole	11.49	167	250479	45.098 ng		99
74) Di-n-butylphthalate	11.80	149	355773	47.941 ng		99
75) Fluoranthene	12.46	202	272788	46.005 ng		98
77) Benzidine	12.59	184	126886	Below Cal		98
78) Pyrene	12.69	202	271163	45.213 ng		99
80) Butylbenzylphthalate	13.30	149	129925	43.534 ng		99
81) Benzo(a)anthracene	13.88	228	217023	46.079 ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	56571	38.278 ng		98
83) Chrysene	13.92	228	204278	44.255 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	185325	44.329 ng	#	96
85) Di-n-octyl phthalate	14.47	149	321659	50.042 ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	209675	60.841 ng		97
88) Benzo(b)fluoranthene	14.92	252	213189	47.145 ng		98
89) Benzo(k)fluoranthene	14.94	252	191259	41.266 ng		98
90) Benzo(a)pyrene	15.27	252	192211	46.751 ng		96
91) Dibenzo(a,h)anthracene	16.74	278	179797	50.575 ng		98
92) Benzo(g,h,i)perylene	17.16	276	169185	50.298 ng		98

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

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