Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117976.D
Acq On : 25 Nov 2019 20:01
Operator : JU
Sample : PB125026BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125026BS

Manual Integrations APPROVED
mohammad
11/26/2019 12:49:06 PM

Quant Time: Nov 26 05:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158337	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	682338	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	374938	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	698568	20.00	ng		0.00
76) Chrysene-d12	14.09	240	524786	20.00	ng		0.00
87) Perylene-d12	15.58	264	382338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1063019	118.84	ng		0.02
7) Phenol-d6	6.53	99	1333083	123.56	ng		0.00
23) Nitrobenzene-d5	7.46	82	710809	61.93	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	478863	120.64	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1458710	69.80	ng		0.00
79) Terphenyl-d14	13.02	244	1715617	59.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	118307	28.295	ng		97
3) Pyridine	3.50	79	279754	25.506	ng		99
4) n-Nitrosodimethylamine	3.46	42	180149	37.626	ng		96
6) Aniline	6.55	93	446355	31.307	ng		99
8) 2-Chlorophenol	6.68	128	448445	46.202	ng		97
9) Benzaldehyde	6.43	77	95670	9.745	ng		96
10) Phenol	6.54	94	519692m	46.353	ng		
11) bis(2-Chloroethyl)ether	6.63	93	383761	42.624	ng		98
12) 1,3-Dichlorobenzene	6.83	146	449862	39.368	ng		99
13) 1,4-Dichlorobenzene	6.91	146	463430	40.122	ng		99
14) 1,2-Dichlorobenzene	7.06	146	443326	40.132	ng		100
15) Benzyl Alcohol	7.03	79	393689	47.263	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	487606	35.177	ng		96
17) 2-Methylphenol	7.15	107	368768	44.864	ng		98
18) Hexachloroethane	7.40	117	167257	39.418	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	295987	44.469	ng		94
20) 3+4-Methylphenols	7.30	107	454812	44.575	ng	#	78
22) Acetophenone	7.30	105	603956	39.397	ng		99
24) Nitrobenzene	7.47	77	464997	39.269	ng		97
25) Isophorone	7.72	82	840789	39.965	ng		97
26) 2-Nitrophenol	7.79	139	253788	44.033	ng		96
27) 2,4-Dimethylphenol	7.83	122	420763	46.982	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	501683	37.579	ng		100
29) 2,4-Dichlorophenol	8.03	162	390926	40.241	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	418409	37.132	ng		98
31) Naphthalene	8.20	128	1321522	41.544	ng		99
32) Benzoic acid	7.96	122	265499	35.405	ng		99
33) 4-Chloroaniline	8.25	127	360366	25.305	ng		99
34) Hexachlorobutadiene	8.32	225	245165	37.213	ng		99
35) Caprolactam	8.63	113	122388m	39.641	ng		
36) 4-Chloro-3-methylphenol	8.73	107	418065	42.404	ng		95
37) 2-Methylnaphthalene	8.90	142	913827	42.518	ng		99
38) 1-Methylnaphthalene	9.00	142	856926	42.173	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396002	36.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	382375	62.664	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	291451	37.370	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	309945	38.276	ng		97
46) 1,1'-Biphenyl	9.36	154	1103264	39.662	ng		97
47) 2-Chloronaphthalene	9.39	162	842595	36.821	ng		97
48) 2-Nitroaniline	9.48	65	251814	36.449	ng		97
49) Acenaphthylene	9.80	152	1341993	40.224	ng		99
50) Dimethylphthalate	9.67	163	1024877	38.980	ng		98
51) 2,6-Dinitrotoluene	9.73	165	229396	39.921	ng		90
52) Acenaphthene	9.98	154	793927	37.147	ng		100
53) 3-Nitroaniline	9.89	138	185670	27.003	ng		97
54) 2,4-Dinitrophenol	10.00	184	239109	80.896	ng	#	84
55) Dibenzofuran	10.15	168	1187431	40.122	ng		99
56) 4-Nitrophenol	10.06	139	398748	77.693	ng		94
57) 2,4-Dinitrotoluene	10.13	165	307712	42.097	ng		98
58) Fluorene	10.49	166	925012	40.333	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	261589	39.317	ng		97
60) Diethylphthalate	10.37	149	1017916	39.711	ng		100
61) 4-Chlorophenyl-phenylether	10.49	204	455633	39.147	ng		99
62) 4-Nitroaniline	10.52	138	248919	36.157	ng		95
63) Azobenzene	10.65	77	921143	39.500	ng		98
65) 4,6-Dinitro-2-methylphenol	10.55	198	165277	50.680	ng		92
66) n-Nitrosodiphenylamine	10.60	169	833752	41.010	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	292652	38.826	ng	#	90
68) Hexachlorobenzene	11.05	284	341685	38.876	ng		98
69) Atrazine	11.13	200	276412	41.331	ng		97
70) Pentachlorophenol	11.24	266	393266	76.588	ng		99
71) Phenanthrene	11.46	178	1411523	40.189	ng		98
72) Anthracene	11.52	178	1440067	41.355	ng		98
73) Carbazole	11.67	167	1276929	41.963	ng		99
74) Di-n-butylphthalate	11.99	149	1605697	42.381	ng		99
75) Fluoranthene	12.65	202	1481195	46.576	ng		99
77) Benzidine	12.77	184	268244	15.605	ng		98
78) Pyrene	12.89	202	1475340	34.787	ng		100
80) Butylbenzylphthalate	13.50	149	686032	37.662	ng		95
81) Benzo(a)anthracene	14.07	228	1298817	37.453	ng		100
82) 3,3'-Dichlorobenzidine	14.03	252	420664	34.679	ng		98
83) Chrysene	14.12	228	1239320	36.881	ng		98
84) Bis(2-ethylhexyl)phthalate	14.06	149	951073	43.067	ng		98
85) Di-n-octyl phthalate	14.67	149	1538207	47.413	ng		98
86) Indeno(1,2,3-cd)pyrene	17.10	276	962295	33.647	ng		98
88) Benzo(b)fluoranthene	15.14	252	1255873	50.557	ng		99
89) Benzo(k)fluoranthene	15.17	252	1058010	45.203	ng		99
90) Benzo(a)pyrene	15.52	252	995305	45.565	ng		98
91) Dibenzo(a,h)anthracene	17.12	278	833958	44.357	ng		97
92) Benzo(g,h,i)perylene	17.56	276	783048	41.815	ng		99

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

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