Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118161.D
Acq On : 10 Dec 2019 12:01
Operator : JU
Sample : PB125313BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125313BS

Manual Integrations APPROVED
mohammad
12/11/2019 12:31:29 PM

Quant Time: Dec 10 13:59:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	189488	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	819031	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	443235	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	801644	20.00	ng		0.00
76) Chrysene-d12	14.07	240	558329	20.00	ng		0.00
87) Perylene-d12	15.56	264	402035	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1438963	133.01	ng		0.03
7) Phenol-d6	6.52	99	1789812	136.78	ng		0.02
23) Nitrobenzene-d5	7.45	82	928804	63.80	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	642494	119.32	ng		0.01
45) 2-Fluorobiphenyl	9.24	172	1893156	64.99	ng		0.00
79) Terphenyl-d14	13.01	244	2132911	65.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	154475	33.863	ng		99
3) Pyridine	3.52	79	389966	33.134	ng		99
4) n-Nitrosodimethylamine	3.47	42	230395	45.505	ng		96
6) Aniline	6.55	93	597322	35.685	ng		99
8) 2-Chlorophenol	6.67	128	604810	49.578	ng		99
9) Benzaldehyde	6.42	77	185822	23.649	ng		97
10) Phenol	6.53	94	700304	46.927	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	507132	46.986	ng		96
12) 1,3-Dichlorobenzene	6.82	146	589114	41.339	ng		98
13) 1,4-Dichlorobenzene	6.89	146	603204	42.035	ng		99
14) 1,2-Dichlorobenzene	7.05	146	579377	42.993	ng		97
15) Benzyl Alcohol	7.02	79	505751	49.512	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	574645	44.281	ng		97
17) 2-Methylphenol	7.13	107	490020	50.504	ng		97
18) Hexachloroethane	7.39	117	224319	42.424	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	388095	48.807	ng		99
20) 3+4-Methylphenols	7.29	107	602037	49.399	ng	#	82
22) Acetophenone	7.29	105	808634	41.096	ng		97
24) Nitrobenzene	7.46	77	593145	41.468	ng		100
25) Isophorone	7.70	82	1084160	43.929	ng		99
26) 2-Nitrophenol	7.78	139	340903	44.591	ng		99
27) 2,4-Dimethylphenol	7.82	122	546824	53.622	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	658436	40.829	ng		100
29) 2,4-Dichlorophenol	8.02	162	516043	43.408	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	553419	39.834	ng		99
31) Naphthalene	8.19	128	1713417	41.655	ng		100
32) Benzoic acid	7.97	122	404804	43.964	ng		98
33) 4-Chloroaniline	8.23	127	468123	26.357	ng		98
34) Hexachlorobutadiene	8.30	225	318247	38.200	ng		99
35) Caprolactam	8.63	113	133356m	36.375	ng		
36) 4-Chloro-3-methylphenol	8.73	107	550628	44.013	ng		94
37) 2-Methylnaphthalene	8.88	142	1198596	43.041	ng		99
38) 1-Methylnaphthalene	8.98	142	1124286	42.998	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	526500	39.211	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	543803	90.392	ng		96
43) 2,4,6-Trichlorophenol	9.16	196	378918	42.266	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	391014	42.098	ng		96
46) 1,1'-Biphenyl	9.35	154	1412925	40.418	ng		99
47) 2-Chloronaphthalene	9.37	162	1101680	39.178	ng		95
48) 2-Nitroaniline	9.47	65	318973	39.777	ng		98
49) Acenaphthylene	9.79	152	1734638	41.824	ng		99
50) Dimethylphthalate	9.65	163	1334952	40.775	ng		99
51) 2,6-Dinitrotoluene	9.72	165	299031	42.005	ng		95
52) Acenaphthene	9.96	154	1012430	39.993	ng		99
53) 3-Nitroaniline	9.89	138	248020	29.604	ng		97
54) 2,4-Dinitrophenol	10.00	184	307140	86.719	ng		98
55) Dibenzofuran	10.13	168	1517116	40.900	ng		99
56) 4-Nitrophenol	10.06	139	469369	80.728	ng		96
57) 2,4-Dinitrotoluene	10.12	165	400997	42.202	ng		92
58) Fluorene	10.48	166	1206189	40.918	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	335985	43.846	ng		100
60) Diethylphthalate	10.35	149	1316742	40.821	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	593140	39.990	ng		99
62) 4-Nitroaniline	10.51	138	313817	35.915	ng		99
63) Azobenzene	10.63	77	1135581	41.239	ng		97
65) 4,6-Dinitro-2-methylphenol	10.54	198	208474	47.090	ng		94
66) n-Nitrosodiphenylamine	10.59	169	1083454	43.279	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	379099	41.427	ng	#	90
68) Hexachlorobenzene	11.03	284	443705	41.195	ng		99
69) Atrazine	11.12	200	347544	57.852	ng		98
70) Pentachlorophenol	11.23	266	473291	93.439	ng		98
71) Phenanthrene	11.44	178	1779441	41.757	ng		99
72) Anthracene	11.50	178	1807956	42.529	ng		98
73) Carbazole	11.65	167	1608133	42.162	ng		99
74) Di-n-butylphthalate	11.97	149	1997607	41.848	ng		99
75) Fluoranthene	12.64	202	1815315	41.665	ng		97
77) Benzidine	12.76	184	508115	34.570	ng		98
78) Pyrene	12.87	202	1823571	41.446	ng		99
80) Butylbenzylphthalate	13.48	149	843000	42.306	ng		99
81) Benzo(a)anthracene	14.06	228	1574436	40.781	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	490076	38.652	ng		97
83) Chrysene	14.10	228	1468638	39.824	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1128544	42.951	ng		98
85) Di-n-octyl phthalate	14.66	149	1768950	44.444	ng		100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1121127	36.131	ng		99
88) Benzo(b)fluoranthene	15.13	252	1237415	46.538	ng		99
89) Benzo(k)fluoranthene	15.16	252	1230813	48.185	ng		99
90) Benzo(a)pyrene	15.50	252	1057242	45.021	ng		99
91) Dibenzo(a,h)anthracene	17.10	278	930617	46.203	ng		99
92) Benzo(g,h,i)perylene	17.55	276	931946	48.150	ng		100

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

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