Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
Data File : BF116568.D
Acq On : 26 Aug 2019 12:18
Operator : HP/JU
Sample : PB122490BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122490BS

Manual Integrations APPROVED
Jagrut
8/27/2019 10:30:24 AM

Quant Time: Aug 27 03:48:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134811	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	564294	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	303823	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	541578	20.00	ng		0.00
76) Chrysene-d12	14.04	240	383160	20.00	ng		0.00
87) Perylene-d12	15.50	264	322390	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	824289	89.34	ng		0.02
7) Phenol-d6	6.52	99	1049284	92.75	ng		0.01
23) Nitrobenzene-d5	7.45	82	618369	59.95	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	292261	112.03	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1155516	61.25	ng		0.00
79) Terphenyl-d14	12.98	244	1271972	62.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	134793	33.743	ng		99
3) Pyridine	3.53	79	322773	26.533	ng		98
4) n-Nitrosodimethylamine	3.48	42	156534	35.248	ng		98
6) Aniline	6.55	93	417911	27.286	ng		99
8) 2-Chlorophenol	6.67	128	365570	37.757	ng		96
9) Benzaldehyde	6.43	77	266509	35.258	ng		95
10) Phenol	6.53	94	459532	37.406	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	345014	36.885	ng		99
12) 1,3-Dichlorobenzene	6.83	146	380815	36.338	ng		96
13) 1,4-Dichlorobenzene	6.90	146	387259	38.395	ng		97
14) 1,2-Dichlorobenzene	7.06	146	359120	37.743	ng		99
15) Benzyl Alcohol	7.02	79	338559	36.980	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	427867	33.083	ng		97
17) 2-Methylphenol	7.13	107	311594	38.842	ng		99
18) Hexachloroethane	7.40	117	143912	36.585	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	266729	34.553	ng		95
20) 3+4-Methylphenols	7.29	107	381729	38.845	ng	#	87
22) Acetophenone	7.29	105	514444	36.458	ng	#	97
24) Nitrobenzene	7.46	77	402372	37.670	ng		99
25) Isophorone	7.70	82	732341	36.030	ng		98
26) 2-Nitrophenol	7.78	139	199578	51.152	ng		92
27) 2,4-Dimethylphenol	7.82	122	342075	42.019	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	448238	35.709	ng		100
29) 2,4-Dichlorophenol	8.02	162	313880	40.542	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	338936	38.888	ng		99
31) Naphthalene	8.19	128	1068395	39.138	ng		100
32) Benzoic acid	7.93	122	237859	45.703	ng		94
33) 4-Chloroaniline	8.23	127	276640	23.085	ng		98
34) Hexachlorobutadiene	8.31	225	186089	39.149	ng		100
35) Caprolactam	8.60	113	97277m	36.072	ng		
36) 4-Chloro-3-methylphenol	8.71	107	340248	38.950	ng		97
37) 2-Methylnaphthalene	8.87	142	720849	38.459	ng		98
38) 1-Methylnaphthalene	8.97	142	675038	38.555	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	309871	37.908	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	349959	79.573	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	229329	40.086	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	230004	39.513	ng		95
46) 1,1'-Biphenyl	9.34	154	900454	37.069	ng		99
47) 2-Chloronaphthalene	9.36	162	686916	36.476	ng		98
48) 2-Nitroaniline	9.45	65	219193	38.015	ng		97
49) Acenaphthylene	9.78	152	1071878	38.904	ng		99
50) Dimethylphthalate	9.64	163	807111	38.075	ng		100
51) 2,6-Dinitrotoluene	9.70	165	185922	42.850	ng		90
52) Acenaphthene	9.95	154	737208	41.699	ng		99
53) 3-Nitroaniline	9.86	138	143105	27.669	ng		90
54) 2,4-Dinitrophenol	9.97	184	170317	98.120	ng	#	1
55) Dibenzofuran	10.13	168	949669	38.535	ng		100
56) 4-Nitrophenol	10.03	139	314113	78.139	ng		90
57) 2,4-Dinitrotoluene	10.10	165	246950	44.729	ng		97
58) Fluorene	10.47	166	733298	38.298	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	194901	40.777	ng		98
60) Diethylphthalate	10.34	149	802288	38.507	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	359240	38.459	ng		98
62) 4-Nitroaniline	10.48	138	202888	40.110	ng		95
63) Azobenzene	10.62	77	799081	37.302	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	120709	53.428	ng		79
66) n-Nitrosodiphenylamine	10.57	169	666214	37.991	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	220201	38.783	ng		94
68) Hexachlorobenzene	11.02	284	231497	36.863	ng	#	92
69) Atrazine	11.10	200	205298	39.074	ng		99
70) Pentachlorophenol	11.20	266	288411	78.716	ng		98
71) Phenanthrene	11.43	178	1115011	37.793	ng		100
72) Anthracene	11.48	178	1149053	38.759	ng		99
73) Carbazole	11.63	167	1015258	38.152	ng		99
74) Di-n-butylphthalate	11.96	149	1272561	38.591	ng		99
75) Fluoranthene	12.61	202	1160218	38.037	ng		97
77) Benzidine	12.73	184	426700	27.679	ng		97
78) Pyrene	12.84	202	1154168	37.667	ng		98
80) Butylbenzylphthalate	13.46	149	532826	40.264	ng		96
81) Benzo(a)anthracene	14.03	228	916629	36.937	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	286140	32.356	ng		100
83) Chrysene	14.06	228	929608	36.959	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	702561	39.815	ng		99
85) Di-n-octyl phthalate	14.63	149	1189017	39.690	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	724430	33.622	ng		98
88) Benzo(b)fluoranthene	15.08	252	857148	43.039	ng		97
89) Benzo(k)fluoranthene	15.11	252	785090	43.513	ng		98
90) Benzo(a)pyrene	15.44	252	759687	43.160	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	601717	41.602	ng		98
92) Benzo(g,h,i)perylene	17.42	276	586567	42.540	ng		98

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

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