Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115272.D
Acq On : 28 Jun 2019 11:09
Operator : HP/JU
Sample : PB120961BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120961BS

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:37 PM

Quant Time: Jun 29 04:23:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	255505	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	986882	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	492840	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	958286	20.00	ng		0.00
76) Chrysene-d12	13.72	240	634553	20.00	ng		0.00
87) Perylene-d12	15.09	264	807123	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1925640	116.30	ng		0.02
7) Phenol-d6	6.25	99	2354500	117.16	ng		0.01
23) Nitrobenzene-d5	7.17	82	1487573	92.72	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	693661	133.47	ng		0.01
45) 2-Fluorobiphenyl	8.96	172	2674447	92.18	ng		0.00
79) Terphenyl-d14	12.69	244	2913926	97.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	259257	33.178	ng		98
3) Pyridine	2.88	79	751235	34.110	ng		99
4) n-Nitrosodimethylamine	2.83	42	322868	37.395	ng		98
6) Aniline	6.27	93	681959	24.691	ng	#	21
8) 2-Chlorophenol	6.39	128	783988	42.110	ng		99
9) Benzaldehyde	6.14	77	155276	11.843	ng		99
10) Phenol	6.26	94	898114	38.152	ng		92
11) bis(2-Chloroethyl)ether	6.34	93	726058	41.842	ng		98
12) 1,3-Dichlorobenzene	6.54	146	844976	40.895	ng		100
13) 1,4-Dichlorobenzene	6.62	146	851427	41.093	ng		99
14) 1,2-Dichlorobenzene	6.77	146	782516	40.783	ng		98
15) Benzyl Alcohol	6.75	79	592422	40.484	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1028258	40.856	ng		99
17) 2-Methylphenol	6.87	107	669030	43.536	ng		99
18) Hexachloroethane	7.11	117	302064	40.439	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	512234	39.813	ng		99
20) 3+4-Methylphenols	7.02	107	748531	42.184	ng	#	79
22) Acetophenone	7.01	105	1037253	45.910	ng	#	96
24) Nitrobenzene	7.18	77	803071	45.438	ng		99
25) Isophorone	7.43	82	1478333	44.983	ng		99
26) 2-Nitrophenol	7.50	139	450598	51.625	ng		99
27) 2,4-Dimethylphenol	7.55	122	739933	51.777	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	928728	44.711	ng		98
29) 2,4-Dichlorophenol	7.75	162	692791	46.976	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	754202	46.298	ng		100
31) Naphthalene	7.91	128	2191913	45.247	ng		100
32) Benzoic acid	7.70	122	567812	55.663	ng		95
33) 4-Chloroaniline	7.95	127	396725	17.919	ng		98
34) Hexachlorobutadiene	8.03	225	405178	45.387	ng		99
35) Caprolactam	8.33	113	232884m	46.968	ng		
36) 4-Chloro-3-methylphenol	8.45	107	706884	47.329	ng		97
37) 2-Methylnaphthalene	8.60	142	1529860	46.837	ng		99
38) 1-Methylnaphthalene	8.70	142	1446449	46.367	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	644274	46.261	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	792842	96.008	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	507623	47.212	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	533960	48.224	ng	98
46) 1,1'-Biphenyl	9.06	154	1771252	44.917	ng	98
47) 2-Chloronaphthalene	9.08	162	1427966	44.642	ng	98
48) 2-Nitroaniline	9.17	65	425437	45.620	ng	98
49) Acenaphthylene	9.50	152	2218099	44.507	ng	100
50) Dimethylphthalate	9.37	163	1695856	46.770	ng	100
51) 2,6-Dinitrotoluene	9.42	165	403430	48.193	ng	100
52) Acenaphthene	9.67	154	1328821	42.610	ng	99
53) 3-Nitroaniline	9.58	138	263121	25.757	ng	94
54) 2,4-Dinitrophenol	9.70	184	457561	103.816	ng	96
55) Dibenzofuran	9.84	168	1951125	43.591	ng	99
56) 4-Nitrophenol	9.76	139	719856	87.897	ng	93
57) 2,4-Dinitrotoluene	9.82	165	527283	48.782	ng	98
58) Fluorene	10.18	166	1334084	44.727	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	470628	50.690	ng	97
60) Diethylphthalate	10.07	149	1658879	45.513	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	659796	46.873	ng	96
62) 4-Nitroaniline	10.20	138	440078	42.942	ng	97
63) Azobenzene	10.33	77	1501182	44.096	ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	274780	53.282	ng	93
66) n-Nitrosodiphenylamine	10.30	169	1384936	46.388	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	483228	46.510	ng	93
68) Hexachlorobenzene	10.72	284	531017	47.087	ng	99
69) Atrazine	10.82	200	459009	47.794	ng	99
70) Pentachlorophenol	10.92	266	635103	88.398	ng	98
71) Phenanthrene	11.13	178	2214313	42.917	ng	100
72) Anthracene	11.18	178	2277241	43.724	ng	99
73) Carbazole	11.34	167	2067649	44.458	ng	99
74) Di-n-butylphthalate	11.68	149	2479704	46.141	ng	98
75) Fluoranthene	12.31	202	2332850	45.316	ng	99
77) Benzidine	12.42	184	790188	28.044	ng	99
78) Pyrene	12.53	202	2358702	48.368	ng	98
80) Butylbenzylphthalate	13.17	149	1150940	53.480	ng	95
81) Benzo(a)anthracene	13.71	228	2171159	47.685	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	572240	34.803	ng	99
83) Chrysene	13.75	228	2068454	49.594	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1493363	52.958	ng	100
85) Di-n-octyl phthalate	14.34	149	2603534	54.951	ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2642123	53.536	ng	99
88) Benzo(b)fluoranthene	14.72	252	2348656	46.635	ng	98
89) Benzo(k)fluoranthene	14.75	252	2042794	45.231	ng	99
90) Benzo(a)pyrene	15.04	252	2183006	48.092	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	2138695	50.469	ng	99
92) Benzo(g,h,i)perylene	16.76	276	2264873	52.807	ng	98

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

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