Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116837.D
Acq On : 5 Sep 2019 14:54
Operator : HP/JU
Sample : K4679-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-SB11-COMPMSD

Manual Integrations APPROVED
mohammad
9/10/2019 9:52:17 AM

Quant Time: Sep 06 04:08:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91149	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	372803	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	194818	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	319118	20.00	ng		0.00
76) Chrysene-d12	14.00	240	223817	20.00	ng		0.00
87) Perylene-d12	15.46	264	218631	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	421660	74.94	ng		0.00
7) Phenol-d6	6.48	99	587196	79.48	ng		0.00
23) Nitrobenzene-d5	7.40	82	355447	54.43	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	124698	95.74	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	617126	53.44	ng		0.00
79) Terphenyl-d14	12.94	244	581640	48.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	58400	22.485	ng		96
3) Pyridine	3.35	79	153555	20.420	ng		92
4) n-Nitrosodimethylamine	3.27	42	67033	25.959	ng		93
6) Aniline	6.50	93	228870	22.367	ng		97
8) 2-Chlorophenol	6.63	128	193631	31.526	ng		99
9) Benzaldehyde	6.39	77	124696	25.619	ng		96
10) Phenol	6.49	94	265690	32.477	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	181198	28.446	ng		98
12) 1,3-Dichlorobenzene	6.79	146	196728	28.340	ng		99
13) 1,4-Dichlorobenzene	6.86	146	200919	29.073	ng		99
14) 1,2-Dichlorobenzene	7.02	146	190046	29.674	ng		98
15) Benzyl Alcohol	6.99	79	180250	30.057	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	179005	23.952	ng		92
17) 2-Methylphenol	7.10	107	165397	30.762	ng		98
18) Hexachloroethane	7.36	117	66430	24.741	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	142155	29.223	ng		92
20) 3+4-Methylphenols	7.25	107	212670	34.019	ng	#	79
22) Acetophenone	7.25	105	284269	31.672	ng		96
24) Nitrobenzene	7.43	77	216223	32.555	ng		94
25) Isophorone	7.66	82	395801	29.911	ng		99
26) 2-Nitrophenol	7.75	139	86019	34.836	ng		92
27) 2,4-Dimethylphenol	7.78	122	175608	35.214	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	238166	29.452	ng		98
29) 2,4-Dichlorophenol	7.99	162	163804	34.179	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	159155	30.618	ng		99
31) Naphthalene	8.15	128	562457	31.729	ng		99
32) Benzoic acid	7.88	122	62333	22.137	ng		97
33) 4-Chloroaniline	8.19	127	120018	14.873	ng		98
34) Hexachlorobutadiene	8.27	225	87876	31.004	ng		99
35) Caprolactam	8.56	113	54098m	30.162	ng		
36) 4-Chloro-3-methylphenol	8.68	107	190477	34.580	ng		99
37) 2-Methylnaphthalene	8.84	142	383620	32.524	ng		98
38) 1-Methylnaphthalene	8.94	142	360106	32.342	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	150113	32.143	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	58195	21.579	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	106610	33.301	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	113290	34.087	ng		99
46) 1,1'-Biphenyl	9.30	154	464034	31.390	ng		98
47) 2-Chloronaphthalene	9.33	162	364501	31.131	ng		98
48) 2-Nitroaniline	9.42	65	117267	34.643	ng		97
49) Acenaphthylene	9.75	152	576235	32.557	ng		99
50) Dimethylphthalate	9.60	163	485468	36.094	ng		98
51) 2,6-Dinitrotoluene	9.66	165	87615	34.142	ng		90
52) Acenaphthene	9.92	154	338427	31.120	ng		98
53) 3-Nitroaniline	9.83	138	86247	26.818	ng		89
54) 2,4-Dinitrophenol	9.94	184	12094	20.821	ng		93
55) Dibenzofuran	10.09	168	512341	33.419	ng		96
56) 4-Nitrophenol	10.00	139	155664	70.592	ng		91
57) 2,4-Dinitrotoluene	10.07	165	114773	36.577	ng		96
58) Fluorene	10.43	166	411086	35.192	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	86262	35.962	ng		98
60) Diethylphthalate	10.30	149	437043	32.438	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	173697	33.957	ng		97
62) 4-Nitroaniline	10.45	138	106088	33.992	ng		94
63) Azobenzene	10.58	77	442286	31.483	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	12305	16.296	ng	#	70
66) n-Nitrosodiphenylamine	10.54	169	358762	32.498	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	101620	31.347	ng		98
68) Hexachlorobenzene	10.99	284	106713	31.462	ng		92
69) Atrazine	11.06	200	97990	31.693	ng		99
70) Pentachlorophenol	11.17	266	108485	66.119	ng		99
71) Phenanthrene	11.39	178	599848	33.767	ng		99
72) Anthracene	11.45	178	600660	33.590	ng		99
73) Carbazole	11.59	167	566854	33.278	ng		98
74) Di-n-butylphthalate	11.92	149	725788	33.237	ng		100
75) Fluoranthene	12.58	202	605868	34.705	ng		100
77) Benzidine	12.69	184	464044	52.861	ng		99
78) Pyrene	12.80	202	607197	30.519	ng		99
80) Butylbenzylphthalate	13.42	149	296434	30.638	ng		98
81) Benzo(a)anthracene	13.99	228	475166	33.544	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	164412	34.345	ng		95
83) Chrysene	14.03	228	467448	32.031	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	414496	34.705	ng		97
85) Di-n-octyl phthalate	14.59	149	669157	34.237	ng		96
86) Indeno(1,2,3-cd)pyrene	16.92	276	340468	29.045	ng		97
88) Benzo(b)fluoranthene	15.03	252	449892	34.036	ng		98
89) Benzo(k)fluoranthene	15.06	252	361983	30.035	ng		99
90) Benzo(a)pyrene	15.40	252	376085	32.703	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	281832	27.999	ng		98
92) Benzo(g,h,i)perylene	17.36	276	262813	25.600	ng		96

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

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