Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116331.D
Acq On : 16 Aug 2019 21:27
Operator : HP/JU
Sample : K4227-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Manual Integrations APPROVED
mohammad
8/20/2019 8:36:56 AM

Quant Time: Aug 17 04:44:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161928	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	630834	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	327687	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	546366	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	359916	20.00	ng		-0.03
87) Perylene-d12	15.44	264	339350	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1130938	116.92	ng		0.00
7) Phenol-d6	6.47	99	1365623	111.90	ng		-0.02
23) Nitrobenzene-d5	7.39	82	1018424	93.19	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	414034	130.32	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1676825	95.85	ng		-0.03
79) Terphenyl-d14	12.92	244	1754699	102.73	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	165613	33.891	ng	#	85
3) Pyridine	3.52	79	188900	13.839	ng		98
4) n-Nitrosodimethylamine	3.43	42	205403	38.130	ng		95
6) Aniline	6.50	93	156582	8.959	ng	#	78
8) 2-Chlorophenol	6.62	128	468141	43.767	ng		100
10) Phenol	6.48	94	509129	35.427	ng		82
11) bis(2-Chloroethyl)ether	6.56	93	466764	44.176	ng		96
12) 1,3-Dichlorobenzene	6.76	146	501429	40.564	ng		98
13) 1,4-Dichlorobenzene	6.84	146	515819	41.675	ng		97
14) 1,2-Dichlorobenzene	6.99	146	465674	40.860	ng		99
15) Benzyl Alcohol	6.97	79	362069	39.094	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	596358	41.379	ng		69
17) 2-Methylphenol	7.09	107	387710	42.808	ng	#	91
18) Hexachloroethane	7.32	117	188860	41.444	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	328603	43.452	ng		99
20) 3+4-Methylphenols	7.24	107	488173	45.548	ng		98
22) Acetophenone	7.23	105	651573	47.096	ng		96
24) Nitrobenzene	7.40	77	531981	45.082	ng		99
25) Isophorone	7.65	82	979143	46.855	ng		100
26) 2-Nitrophenol	7.72	139	266932	47.988	ng		95
27) 2,4-Dimethylphenol	7.76	122	427648	51.101	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	604333	46.658	ng		99
29) 2,4-Dichlorophenol	7.97	162	428440	48.487	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	444540	44.134	ng		100
31) Naphthalene	8.12	128	1387608	46.743	ng		100
32) Benzoic acid	7.93	122	279995	47.455	ng		98
33) 4-Chloroaniline	8.19	127	59534	4.488	ng		98
34) Hexachlorobutadiene	8.23	225	254316	43.835	ng		99
35) Caprolactam	8.56	113	97276m	34.038	ng		
36) 4-Chloro-3-methylphenol	8.67	107	436262	47.459	ng		99
37) 2-Methylnaphthalene	8.81	142	913044	46.702	ng		99
38) 1-Methylnaphthalene	8.91	142	858537	46.418	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	422110	48.184	ng		100
41) Hexachlorocyclopentadiene	8.96	237	249265	64.611	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	270591	44.875	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	281201	45.114	ng		96
46) 1,1'-Biphenyl	9.27	154	1117834	48.319	ng		98
47) 2-Chloronaphthalene	9.30	162	889651	46.204	ng		100
48) 2-Nitroaniline	9.40	65	273449	42.965	ng		93
49) Acenaphthylene	9.72	152	1277506	45.477	ng		99
50) Dimethylphthalate	9.57	163	1042789	46.737	ng		100
51) 2,6-Dinitrotoluene	9.65	165	228131	47.050	ng		91
52) Acenaphthene	9.89	154	798194	46.317	ng		100
53) 3-Nitroaniline	9.82	138	52520	8.766	ng		100
54) 2,4-Dinitrophenol	9.94	184	217919	87.547	ng		98
55) Dibenzofuran	10.06	168	1092338	43.586	ng		100
56) 4-Nitrophenol	10.00	139	255858	66.665	ng		97
57) 2,4-Dinitrotoluene	10.06	165	271070	41.989	ng	#	90
58) Fluorene	10.40	166	907354	47.057	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	257793	49.160	ng		97
60) Diethylphthalate	10.27	149	966205	46.383	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	453634	46.453	ng		96
62) 4-Nitroaniline	10.44	138	197009	31.819	ng		99
63) Azobenzene	10.55	77	1005825	46.944	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	146762	50.688	ng		99
66) n-Nitrosodiphenylamine	10.51	169	783254	47.629	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	280998	48.043	ng		95
68) Hexachlorobenzene	10.96	284	312638	46.226	ng		98
69) Atrazine	11.04	200	200669	37.091	ng		98
70) Pentachlorophenol	11.16	266	268026	81.627	ng		98
71) Phenanthrene	11.36	178	1300917	46.575	ng		99
72) Anthracene	11.42	178	1358861	48.071	ng		100
73) Carbazole	11.57	167	1182367	46.104	ng		99
74) Di-n-butylphthalate	11.89	149	1471246	49.177	ng		99
75) Fluoranthene	12.56	202	1354963	46.337	ng		100
78) Pyrene	12.78	202	1370934	50.530	ng		98
80) Butylbenzylphthalate	13.39	149	603620	52.596	ng		98
81) Benzo(a)anthracene	13.97	228	1109618	48.235	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	93451	11.693	ng		100
83) Chrysene	14.01	228	1068945	47.862	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	821933	55.113	ng		99
85) Di-n-octyl phthalate	14.55	149	1287344	54.345	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	970539	51.740	ng		100
88) Benzo(b)fluoranthene	15.02	252	1017842	51.873	ng		98
89) Benzo(k)fluoranthene	15.04	252	872742	45.665	ng		99
90) Benzo(a)pyrene	15.38	252	889124	50.691	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	819404	53.969	ng		99
92) Benzo(g,h,i)perylene	17.34	276	814796	54.644	ng		97

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

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