Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114234.D
Acq On : 13 May 2019 17:34
Operator : JU/SJ
Sample : K2765-20MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:19 PM

Quant Time: May 14 05:46:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	218380	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	841810	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	410923	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	785051	20.00	ng		0.01
76) Chrysene-d12	14.04	240	365267	20.00	ng		0.02
87) Perylene-d12	15.54	264	476361	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1380733	101.75	ng		0.01
7) Phenol-d6	6.51	99	1861675	115.99	ng		0.02
23) Nitrobenzene-d5	7.42	82	1233449	82.23	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	386747	91.04	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1658260	61.04	ng		0.00
79) Terphenyl-d14	12.96	244	1360943	76.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	239679	32.133	ng		98
3) Pyridine	3.40	79	422808	20.574	ng		94
4) n-Nitrosodimethylamine	3.33	42	346491	34.963	ng		92
6) Aniline	6.52	93	182498	7.872	ng	#	1
8) 2-Chlorophenol	6.65	128	620021	42.799	ng		94
9) Benzaldehyde	6.40	77	308906	27.492	ng		100
10) Phenol	6.52	94	747935	39.614	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	632384	44.118	ng		96
12) 1,3-Dichlorobenzene	6.80	146	629688	38.722	ng		99
13) 1,4-Dichlorobenzene	6.87	146	636822	38.862	ng		97
14) 1,2-Dichlorobenzene	7.03	146	606385	40.504	ng		100
15) Benzyl Alcohol	7.00	79	530225	42.357	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1118623	40.249	ng		86
17) 2-Methylphenol	7.12	107	467626	39.295	ng	#	93
18) Hexachloroethane	7.37	117	228125	37.088	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	433970	42.658	ng		99
20) 3+4-Methylphenols	7.27	107	599607	43.609	ng	#	60
22) Acetophenone	7.26	105	847703	45.456	ng	#	90
24) Nitrobenzene	7.44	77	674125	44.125	ng		96
25) Isophorone	7.68	82	1227336	44.118	ng		99
26) 2-Nitrophenol	7.76	139	346396	46.733	ng		98
27) 2,4-Dimethylphenol	7.80	122	494842	42.507	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	788302	43.673	ng		99
29) 2,4-Dichlorophenol	8.00	162	514580	44.390	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	533603	40.480	ng		99
31) Naphthalene	8.16	128	2319735	58.993	ng		100
32) Benzoic acid	7.92	122	225810	30.245	ng		98
33) 4-Chloroaniline	8.21	127	190443	10.628	ng		97
34) Hexachlorobutadiene	8.27	225	289051	38.539	ng		98
35) Caprolactam	8.60	113	154804	40.954	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	539800	46.261	ng		100
37) 2-Methylnaphthalene	8.85	142	1406869	55.453	ng		97
38) 1-Methylnaphthalene	8.95	142	1240023	51.901	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	516039	41.456	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	120750	24.020	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	359566	41.996	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	378751	43.135	ng		97
46) 1,1'-Biphenyl	9.32	154	1466127	44.164	ng		98
47) 2-Chloronaphthalene	9.34	162	1048047	39.228	ng		99
48) 2-Nitroaniline	9.44	65	381993	40.316	ng		97
49) Acenaphthylene	9.76	152	2653068	65.291	ng		99
50) Dimethylphthalate	9.61	163	1561535	51.765	ng		99
51) 2,6-Dinitrotoluene	9.68	165	286118	42.763	ng		90
52) Acenaphthene	9.93	154	976955	39.180	ng		99
53) 3-Nitroaniline	9.85	138	167007	20.108	ng		97
54) 2,4-Dinitrophenol	9.96	184	175154	54.418	ng		98
55) Dibenzofuran	10.10	168	1460280	39.938	ng		98
56) 4-Nitrophenol	10.03	139	406338	69.181	ng		90
57) 2,4-Dinitrotoluene	10.09	165	372462	41.014	ng	#	90
58) Fluorene	10.45	166	1275353	45.158	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	303873m	40.108	ng		
60) Diethylphthalate	10.31	149	1269763	41.428	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	555909	40.077	ng		97
62) 4-Nitroaniline	10.46	138	217214	24.888	ng		93
63) Azobenzene	10.59	77	1204834	40.611	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	125763	33.339	ng		87
66) n-Nitrosodiphenylamine	10.55	169	1034799	43.431	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	355550	41.134	ng		96
68) Hexachlorobenzene	11.00	284	368273	38.513	ng		99
69) Atrazine	11.09	200	329551	44.446	ng		99
70) Pentachlorophenol	11.20	266	347982	76.768	ng		99
71) Phenanthrene	11.42	178	4614185	120.810	ng		97
72) Anthracene	11.46	178	2208025	57.557	ng		100
73) Carbazole	11.62	167	1466422	40.086	ng		99
74) Di-n-butylphthalate	11.94	149	1946409	46.183	ng		98
75) Fluoranthene	12.62	202	5524097	134.309	ng		94
77) Benzidine	12.70	184	6784	0.414	ng	#	1
78) Pyrene	12.86	202	8058341	274.243	ng		93
80) Butylbenzylphthalate	13.44	149	755957	61.122	ng		99
81) Benzo(a)anthracene	14.04	228	4058081	171.769	ng	#	86
82) 3,3'-Dichlorobenzidine	13.99	252	28736	3.135	ng	#	86
83) Chrysene	14.08	228	4053504	175.026	ng		95
84) Bis(2-ethylhexyl)phthalate	14.00	149	1157426	71.553	ng		99
85) Di-n-octyl phthalate	14.63	149	1702587	64.930	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	2475906	120.965	ng		99
88) Benzo(b)fluoranthene	15.12	252	4747663	155.567	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	1921933m	68.557	ng		
90) Benzo(a)pyrene	15.50	252	3620030	134.781	ng		100
91) Dibenzo(a,h)anthracene	17.06	278	1217403	54.547	ng		99
92) Benzo(g,h,i)perylene	17.51	276	2477082	110.750	ng		98

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

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