Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114194.D
Acq On : 12 May 2019 16:04
Operator : JU/SJ
Sample : K2767-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MS

Manual Integrations APPROVED
Sohil
5/13/2019 8:37:24 PM

Quant Time: May 13 08:39:44 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	6.85	152	267862	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1021993	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	473861	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	857394	20.00	ng		0.00
76) Chrysene-d12	14.03	240	475505	20.00	ng		0.00
87) Perylene-d12	15.50	264	588566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1504369	90.38	ng		0.01
7) Phenol-d6	6.50	99	1997194	101.45	ng		0.01
23) Nitrobenzene-d5	7.42	82	1260977	69.24	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	432562	88.30	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2005723	64.03	ng		0.00
79) Terphenyl-d14	12.96	244	1634400	70.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	238591	26.078	ng		99
3) Pyridine	3.41	79	573972	22.770	ng		93
4) n-Nitrosodimethylamine	3.33	42	343576	28.264	ng		95
6) Aniline	6.52	93	139306	4.899	ng	#	1
8) 2-Chlorophenol	6.65	128	590278	33.219	ng		98
9) Benzaldehyde	6.40	77	243128	17.641	ng		99
10) Phenol	6.52	94	717566	30.985	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	614089	34.928	ng		99
12) 1,3-Dichlorobenzene	6.80	146	591830	29.671	ng		98
13) 1,4-Dichlorobenzene	6.87	146	599298	29.816	ng		96
14) 1,2-Dichlorobenzene	7.03	146	570109	31.047	ng		99
15) Benzyl Alcohol	7.00	79	518557	33.773	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1077979	31.621	ng		86
17) 2-Methylphenol	7.12	107	412126	28.234	ng		97
18) Hexachloroethane	7.36	117	184709	24.482	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	421118	33.748	ng		96
20) 3+4-Methylphenols	7.27	107	537454	31.868	ng	#	70
22) Acetophenone	7.26	105	828335	36.586	ng	#	88
24) Nitrobenzene	7.43	77	649631	35.025	ng		98
25) Isophorone	7.67	82	1168142	34.587	ng		99
26) 2-Nitrophenol	7.75	139	330350	36.711	ng		97
27) 2,4-Dimethylphenol	7.79	122	382448	27.060	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	754768	34.443	ng		100
29) 2,4-Dichlorophenol	8.00	162	489345	34.771	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	500574	31.280	ng		97
31) Naphthalene	8.16	128	2329720	48.801	ng		100
32) Benzoic acid	7.92	122	435157	43.886	ng		99
33) 4-Chloroaniline	8.21	127	167738	7.711	ng		95
34) Hexachlorobutadiene	8.27	225	258718	28.413	ng		98
35) Caprolactam	8.58	113	181115	39.468	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	502009	35.437	ng		99
37) 2-Methylnaphthalene	8.85	142	1382461	44.884	ng		97
38) 1-Methylnaphthalene	8.95	142	1218407	42.006	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	481118	33.517	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	53374	11.874	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	335553	33.986	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	359126	35.468	ng		94
46) 1,1'-Biphenyl	9.31	154	1407976	36.780	ng		99
47) 2-Chloronaphthalene	9.34	162	978097	31.747	ng		97
48) 2-Nitroaniline	9.43	65	353498	32.353	ng		96
49) Acenaphthylene	9.76	152	2623100	55.980	ng		99
50) Dimethylphthalate	9.61	163	1473755	42.367	ng		99
51) 2,6-Dinitrotoluene	9.67	165	266803	34.580	ng		91
52) Acenaphthene	9.92	154	909086	31.616	ng		100
53) 3-Nitroaniline	9.84	138	137744	14.382	ng		98
54) 2,4-Dinitrophenol	9.95	184	122834	35.737	ng		95
55) Dibenzofuran	10.10	168	1367235	32.427	ng		96
56) 4-Nitrophenol	10.02	139	377826	55.783	ng		95
57) 2,4-Dinitrotoluene	10.08	165	346328	33.071	ng		99
58) Fluorene	10.44	166	1231614	37.817	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	275326m	31.514	ng		
60) Diethylphthalate	10.31	149	1133166	32.061	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	497793	31.121	ng		100
62) 4-Nitroaniline	10.45	138	154831	15.384	ng		94
63) Azobenzene	10.59	77	1055024	30.838	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	88533	21.489	ng		89
66) n-Nitrosodiphenylamine	10.55	169	903791	34.732	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	305718	32.384	ng		99
68) Hexachlorobenzene	10.99	284	330740	31.669	ng		95
69) Atrazine	11.07	200	283606	35.022	ng		97
70) Pentachlorophenol	11.19	266	305661	61.742	ng		99
71) Phenanthrene	11.41	178	4258171	102.082	ng		96
72) Anthracene	11.46	178	1852993	44.227	ng		100
73) Carbazole	11.60	167	1300129	32.541	ng		98
74) Di-n-butylphthalate	11.93	149	1603481	34.836	ng		99
75) Fluoranthene	12.60	202	4621043	102.873	ng		95
78) Pyrene	12.84	202	7049556	184.292	ng		93
80) Butylbenzylphthalate	13.43	149	618065	38.388	ng		99
81) Benzo(a)anthracene	14.02	228	3585862	116.593	ng	#	83
83) Chrysene	14.06	228	3697789	122.650	ng		96
84) Bis(2-ethylhexyl)phthalate	13.99	149	875269	41.566	ng		99
85) Di-n-octyl phthalate	14.60	149	1449276	42.456	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2504945	94.011	ng		99
88) Benzo(b)fluoranthene	15.08	252	4614435m	122.376	ng		
89) Benzo(k)fluoranthene	15.10	252	1593036m	45.992	ng		
90) Benzo(a)pyrene	15.45	252	3410220	102.763	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1221560	44.299	ng		99
92) Benzo(g,h,i)perylene	17.45	276	2545758	92.122	ng		100

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

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