Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115196.D
Acq On : 25 Jun 2019 19:17
Operator : HP/JU
Sample : K3447-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWALL-1MS

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:38 PM

Quant Time: Jun 26 07:13:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	274728	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	968644	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	387456	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	662568	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	576735	20.00	ng		-0.02
87) Perylene-d12	15.09	264	704242	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1843608	103.56	ng		0.01
7) Phenol-d6	6.25	99	2257016	104.45	ng		0.00
23) Nitrobenzene-d5	7.18	82	1377717	87.49	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	467279	114.36	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	2121501	93.01	ng		-0.01
79) Terphenyl-d14	12.69	244	1959468	72.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	241349	28.725	ng		99
3) Pyridine	2.92	79	623527	26.330	ng		99
4) n-Nitrosodimethylamine	2.86	42	280738	30.240	ng		97
6) Aniline	6.27	93	342897	11.546	ng	#	1
8) 2-Chlorophenol	6.40	128	655949	32.767	ng		95
9) Benzaldehyde	6.15	77	447260	31.726	ng		96
10) Phenol	6.27	94	767333	30.316	ng		99
11) bis(2-Chloroethyl)ether	6.35	93	600921	32.207	ng		99
12) 1,3-Dichlorobenzene	6.55	146	723555	32.568	ng		99
13) 1,4-Dichlorobenzene	6.63	146	734275	32.959	ng		100
14) 1,2-Dichlorobenzene	6.78	146	676114	32.772	ng		99
15) Benzyl Alcohol	6.75	79	457906	29.102	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	838678	30.992	ng		95
17) 2-Methylphenol	6.88	107	557152	33.719	ng		99
18) Hexachloroethane	7.12	117	257642	32.078	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	403380	29.159	ng		99
20) 3+4-Methylphenols	7.03	107	609066	31.923	ng	#	85
22) Acetophenone	7.02	105	855902	38.597	ng	#	97
24) Nitrobenzene	7.20	77	642311	37.026	ng		97
25) Isophorone	7.44	82	1095368	33.957	ng		100
26) 2-Nitrophenol	7.51	139	340106	39.700	ng		97
27) 2,4-Dimethylphenol	7.55	122	537946	38.352	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	709876	34.818	ng		100
29) 2,4-Dichlorophenol	7.75	162	508285	35.114	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	583659	36.503	ng		99
31) Naphthalene	7.91	128	1771165	37.250	ng		99
32) Benzoic acid	7.61	122	117280m	11.714	ng		
33) 4-Chloroaniline	7.96	127	228534	10.517	ng		99
34) Hexachlorobutadiene	8.04	225	323793	36.954	ng		99
35) Caprolactam	8.32	113	131555m	27.032	ng		
36) 4-Chloro-3-methylphenol	8.45	107	468086	31.931	ng		100
37) 2-Methylnaphthalene	8.61	142	1130898	35.275	ng		98
38) 1-Methylnaphthalene	8.70	142	1053005	34.390	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	480587	43.894	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	460715	70.964 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	311414	36.841 ng	98
44) 2,4,5-Trichlorophenol	8.92	196	328884	37.782 ng	98
46) 1,1'-Biphenyl	9.07	154	1272725	41.053 ng	100
47) 2-Chloronaphthalene	9.09	162	998252	39.696 ng	99
48) 2-Nitroaniline	9.18	65	267898	36.541 ng	99
49) Acenaphthylene	9.50	152	1507104	38.466 ng	99
50) Dimethylphthalate	9.37	163	1273382	44.671 ng	99
51) 2,6-Dinitrotoluene	9.42	165	241746	36.733 ng	98
52) Acenaphthene	9.67	154	934126	38.101 ng	98
53) 3-Nitroaniline	9.58	138	149483	18.613 ng	98
54) 2,4-Dinitrophenol	9.69	184	130727	42.403 ng	91
55) Dibenzofuran	9.84	168	1291130	36.692 ng	99
56) 4-Nitrophenol	9.75	139	420089	65.246 ng	92
57) 2,4-Dinitrotoluene	9.82	165	306115	36.024 ng	96
58) Fluorene	10.18	166	898061	37.189 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	247249	33.873 ng	97
60) Diethylphthalate	10.07	149	983603	34.326 ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	437518	38.281 ng	96
62) 4-Nitroaniline	10.20	138	247112	30.671 ng	97
63) Azobenzene	10.34	77	906696	33.877 ng	95
65) 4,6-Dinitro-2-methylphenol	10.22	198	113502	33.828 ng	83
66) n-Nitrosodiphenylamine	10.30	169	827426	40.084 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	280323	39.023 ng	96
68) Hexachlorobenzene	10.73	284	303704	38.950 ng	97
69) Atrazine	10.82	200	243468	36.666 ng	99
70) Pentachlorophenol	10.92	266	361023	72.677 ng	98
71) Phenanthrene	11.14	178	1351742	37.892 ng	99
72) Anthracene	11.18	178	1407781	39.094 ng	99
73) Carbazole	11.34	167	1258971	39.152 ng	99
74) Di-n-butylphthalate	11.69	149	1430398	38.495 ng	100
75) Fluoranthene	12.31	202	1447480	40.667 ng	99
77) Benzidine	12.44	184	569543	22.240 ng	98
78) Pyrene	12.54	202	1513040	34.137 ng	100
80) Butylbenzylphthalate	13.17	149	692839	35.421 ng	100
81) Benzo(a)anthracene	13.72	228	1500644	36.263 ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	364754	24.408 ng	99
83) Chrysene	13.76	228	1422853	37.535 ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	948791	37.019 ng	100
85) Di-n-octyl phthalate	14.35	149	1714444	39.813 ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1660795	37.025 ng	99
88) Benzo(b)fluoranthene	14.72	252	1567328	35.668 ng	98
89) Benzo(k)fluoranthene	14.75	252	1561682	39.629 ng	98
90) Benzo(a)pyrene	15.04	252	1558433	39.348 ng	98
91) Dibenzo(a,h)anthracene	16.38	278	1389424	37.577 ng	98
92) Benzo(g,h,i)perylene	16.74	276	1316596	35.182 ng	99

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

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