Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117058.D
Acq On : 16 Sep 2019 13:04
Operator : HP/JU
Sample : K4885-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MS

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:25 PM

Quant Time: Sep 16 15:16:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59394	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	237347	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	125524	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	209761	20.00	ng		0.00
76) Chrysene-d12	13.97	240	155153	20.00	ng		0.00
87) Perylene-d12	15.41	264	143644	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	445180	117.02	ng		0.00
7) Phenol-d6	6.46	99	615975	125.29	ng		0.00
23) Nitrobenzene-d5	7.39	82	371034	82.14	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	132095	125.91	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	639061	79.60	ng		0.00
79) Terphenyl-d14	12.92	244	665644	80.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	49577	31.144	ng		99
3) Pyridine	3.33	79	121490	27.883	ng		95
4) n-Nitrosodimethylamine	3.25	42	53300	35.646	ng		94
6) Aniline	6.49	93	138769	21.922	ng		99
8) 2-Chlorophenol	6.61	128	156157	38.050	ng		99
9) Benzaldehyde	6.37	77	94923	38.221	ng		93
10) Phenol	6.47	94	219103	40.425	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	145634	36.559	ng		99
12) 1,3-Dichlorobenzene	6.76	146	161858	35.146	ng		99
13) 1,4-Dichlorobenzene	6.84	146	165707	35.258	ng		99
14) 1,2-Dichlorobenzene	6.99	146	157852	36.075	ng		96
15) Benzyl Alcohol	6.96	79	146170	38.770	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	138198	35.115	ng		96
17) 2-Methylphenol	7.08	107	130109	37.827	ng		97
18) Hexachloroethane	7.33	117	62545	34.593	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	111105	37.112	ng		98
20) 3+4-Methylphenols	7.23	107	170296	39.748	ng		96
22) Acetophenone	7.23	105	230209	38.176	ng		98
24) Nitrobenzene	7.40	77	171808	38.514	ng		95
25) Isophorone	7.64	82	309931	38.750	ng		99
26) 2-Nitrophenol	7.72	139	78805	41.127	ng		96
27) 2,4-Dimethylphenol	7.76	122	134074	44.124	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	184873	37.517	ng		99
29) 2,4-Dichlorophenol	7.96	162	125745	39.494	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	124622	36.230	ng		100
31) Naphthalene	8.12	128	443590	38.861	ng		99
32) Benzoic acid	7.83	122	5411	8.628	ng	#	79
33) 4-Chloroaniline	8.17	127	74645	14.744	ng		98
34) Hexachlorobutadiene	8.25	225	71234	36.501	ng		98
35) Caprolactam	8.53	113	42601m	39.530	ng		
36) 4-Chloro-3-methylphenol	8.66	107	151049	40.687	ng		99
37) 2-Methylnaphthalene	8.82	142	302533	39.358	ng		98
38) 1-Methylnaphthalene	8.91	142	282247	39.205	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	120128	37.061	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	94811	67.530 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	80834	36.748 ng	100
44) 2,4,5-Trichlorophenol	9.13	196	88078	37.477 ng	96
46) 1,1'-Biphenyl	9.27	154	359214	36.483 ng	99
47) 2-Chloronaphthalene	9.30	162	286991	36.933 ng	98
48) 2-Nitroaniline	9.39	65	95059	38.139 ng	92
49) Acenaphthylene	9.72	152	453828	38.986 ng	100
50) Dimethylphthalate	9.57	163	458269	51.562 ng	99
51) 2,6-Dinitrotoluene	9.63	165	72739	40.184 ng	89
52) Acenaphthene	9.89	154	259121	37.551 ng	97
53) 3-Nitroaniline	9.80	138	51849	22.702 ng	99
54) 2,4-Dinitrophenol	9.92	184	18498	30.121 ng	94
55) Dibenzofuran	10.06	168	397622	39.054 ng	97
56) 4-Nitrophenol	9.97	139	110143	74.411 ng	99
57) 2,4-Dinitrotoluene	10.04	165	98545	41.940 ng	98
58) Fluorene	10.40	166	322267	39.294 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	67920	37.766 ng	99
60) Diethylphthalate	10.27	149	333765	38.171 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	137171	38.657 ng	95
62) 4-Nitroaniline	10.42	138	90197	37.976 ng	96
63) Azobenzene	10.55	77	344489	38.574 ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	23344	27.815 ng	81
66) n-Nitrosodiphenylamine	10.51	169	282002	38.928 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	79379	37.056 ng	94
68) Hexachlorobenzene	10.95	284	84070	35.881 ng	95
69) Atrazine	11.03	200	79509	43.795 ng	98
70) Pentachlorophenol	11.15	266	62764	57.148 ng	95
71) Phenanthrene	11.36	178	485758	40.771 ng	100
72) Anthracene	11.41	178	484467	39.829 ng	99
73) Carbazole	11.56	167	459541	39.802 ng	99
74) Di-n-butylphthalate	11.89	149	545882	39.738 ng	99
75) Fluoranthene	12.55	202	550861	44.998 ng	98
77) Benzidine	12.66	184	183677	36.751 ng	98
78) Pyrene	12.77	202	553744	42.535 ng	99
80) Butylbenzylphthalate	13.39	149	343244	55.799 ng	94
81) Benzo(a)anthracene	13.96	228	414188	39.956 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	62148	18.605 ng	99
83) Chrysene	14.00	228	406480	40.205 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	318233	40.123 ng	99
85) Di-n-octyl phthalate	14.55	149	539942	43.252 ng	100
86) Indeno(1,2,3-cd)pyrene	16.85	276	345079	46.784 ng	98
88) Benzo(b)fluoranthene	15.00	252	340788	39.166 ng	98
89) Benzo(k)fluoranthene	15.03	252	316314	38.377 ng	98
90) Benzo(a)pyrene	15.36	252	316063	41.395 ng	98
91) Dibenzo(a,h)anthracene	16.86	278	281887	46.344 ng	99
92) Benzo(g,h,i)perylene	17.28	276	297111	49.019 ng	97

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

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