Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112249.D
Acq On : 25 Jan 2019 23:13
Operator : JU/SJ
Sample : K1003-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:46 AM

Quant Time: Jan 28 03:34:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 02:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	105748	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	421146	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	207485	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	402119	20.00	ng		0.00
76) Chrysene-d12	14.00	240	266930	20.00	ng		0.00
87) Perylene-d12	15.46	264	237220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	723652	145.35	ng		0.00
7) Phenol-d6	6.49	99	842727	121.82	ng		0.00
23) Nitrobenzene-d5	7.40	82	613379	83.92	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	315958	130.83	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1291465	88.03	ng		0.00
79) Terphenyl-d14	12.94	244	1362078	96.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	104212	52.546	ng		95
3) Pyridine	3.40	79	204161	40.469	ng		98
4) n-Nitrosodimethylamine	3.31	42	124910	58.933	ng		99
6) Aniline	6.50	93	67585	8.213	ng	#	1
8) 2-Chlorophenol	6.63	128	285771	42.669	ng		98
9) Benzaldehyde	6.39	77	50983	14.100	ng		95
10) Phenol	6.50	94	279252	36.793	ng		82
11) bis(2-Chloroethyl)ether	6.57	93	248512	41.590	ng		96
12) 1,3-Dichlorobenzene	6.78	146	302502	38.783	ng		97
13) 1,4-Dichlorobenzene	6.86	146	309499	38.556	ng		99
14) 1,2-Dichlorobenzene	7.01	146	297911	39.638	ng		94
15) Benzyl Alcohol	6.99	79	237582	40.740	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	312236	40.698	ng		85
17) 2-Methylphenol	7.10	107	216998	40.872	ng		95
18) Hexachloroethane	7.35	117	108168	38.373	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	194405	40.754	ng		95
20) 3+4-Methylphenols	7.26	107	286149	42.148	ng	#	71
22) Acetophenone	7.25	105	398356	38.845	ng	#	93
24) Nitrobenzene	7.42	77	293805	40.249	ng		97
25) Isophorone	7.66	82	518634	45.231	ng		99
26) 2-Nitrophenol	7.74	139	155423	39.842	ng		96
27) 2,4-Dimethylphenol	7.78	122	251113	46.721	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	329895	42.253	ng		99
29) 2,4-Dichlorophenol	7.99	162	251436	41.804	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	270426	39.115	ng		99
31) Naphthalene	8.15	128	849232	43.120	ng		99
32) Benzoic acid	7.90	122	102431	33.411	ng		99
33) 4-Chloroaniline	8.20	127	53805	6.274	ng		98
34) Hexachlorobutadiene	8.26	225	150146	37.009	ng		99
35) Caprolactam	8.55	113	61370m	28.923	ng		
36) 4-Chloro-3-methylphenol	8.69	107	252844	39.710	ng		98
37) 2-Methylnaphthalene	8.84	142	601511	44.614	ng		98
38) 1-Methylnaphthalene	8.93	142	568401	43.984	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	276228	40.547	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	93898	41.552	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	174736	41.611	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	185515	42.270	ng		96
46) 1,1'-Biphenyl	9.30	154	738246	40.699	ng		99
47) 2-Chloronaphthalene	9.33	162	566715	40.289	ng		97
48) 2-Nitroaniline	9.42	65	150911	39.362	ng		92
49) Acenaphthylene	9.74	152	903729	43.834	ng		98
50) Dimethylphthalate	9.60	163	669383	41.524	ng		99
51) 2,6-Dinitrotoluene	9.66	165	151902	42.074	ng		99
52) Acenaphthene	9.91	154	519085	42.147	ng		99
53) 3-Nitroaniline	9.83	138	50567	12.928	ng		86
54) 2,4-Dinitrophenol	9.95	184	53106	45.834	ng	#	85
55) Dibenzofuran	10.09	168	801915	42.608	ng		98
56) 4-Nitrophenol	10.01	139	156036	75.456	ng		91
57) 2,4-Dinitrotoluene	10.07	165	198701	43.231	ng		91
58) Fluorene	10.43	166	637893	45.291	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	150137	45.268	ng		97
60) Diethylphthalate	10.29	149	676817	42.307	ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	309685	40.422	ng		94
62) 4-Nitroaniline	10.45	138	135214	35.244	ng		96
63) Azobenzene	10.57	77	577878	41.072	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	57031	25.296	ng		89
66) n-Nitrosodiphenylamine	10.53	169	564317	41.639	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	188775	39.914	ng		98
68) Hexachlorobenzene	10.98	284	204508	40.304	ng		99
69) Atrazine	11.06	200	185034	42.313	ng		99
70) Pentachlorophenol	11.18	266	133631	67.682	ng		97
71) Phenanthrene	11.39	178	921415	44.075	ng		97
72) Anthracene	11.44	178	957778	45.993	ng		98
73) Carbazole	11.59	167	827255	40.272	ng		99
74) Di-n-butylphthalate	11.92	149	1069136	41.931	ng		99
75) Fluoranthene	12.58	202	929328	41.446	ng		96
77) Benzidine	12.69	184	47540	6.471	ng	#	95
78) Pyrene	12.80	202	922512	49.918	ng		98
80) Butylbenzylphthalate	13.42	149	425530	47.592	ng		98
81) Benzo(a)anthracene	13.99	228	696909	44.413	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	65883	11.219	ng		96
83) Chrysene	14.03	228	652638	43.572	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	597057	47.042	ng		98
85) Di-n-octyl phthalate	14.58	149	899643	46.071	ng		97
86) Indeno(1,2,3-cd)pyrene	16.94	276	609245	51.333	ng		97
88) Benzo(b)fluoranthene	15.04	252	585275	41.255	ng		99
89) Benzo(k)fluoranthene	15.07	252	593712	43.691	ng		99
90) Benzo(a)pyrene	15.40	252	568199	44.512	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	504873	49.074	ng		98
92) Benzo(g,h,i)perylene	17.38	276	484731	49.940	ng		97

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

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