Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115790.D
Acq On : 26 Jul 2019 15:57
Operator : HP/JU
Sample : K3620-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-CMSD

Quant Time: Jul 26 23:54:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119026	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	407074	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	181077	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	296478	20.00	ng		0.00
76) Chrysene-d12	14.03	240	282150	20.00	ng		0.00
87) Perylene-d12	15.50	264	309493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	884429	121.54	ng		0.01
7) Phenol-d6	6.51	99	1116183	120.89	ng		0.00
23) Nitrobenzene-d5	7.43	82	698498	99.77	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	233801	110.62	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1073545	103.77	ng		0.00
79) Terphenyl-d14	12.97	244	1102084	72.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	127966	35.255	ng		99
3) Pyridine	3.46	79	327353	33.241	ng		99
4) n-Nitrosodimethylamine	3.39	42	149849	41.944	ng		99
6) Aniline	6.53	93	188168	14.644	ng		99
8) 2-Chlorophenol	6.66	128	302298	36.133	ng		99
9) Benzaldehyde	6.42	77	195564	33.893	ng		98
10) Phenol	6.52	94	378234	35.288	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	303415	37.180	ng		98
12) 1,3-Dichlorobenzene	6.82	146	343704	36.540	ng		99
13) 1,4-Dichlorobenzene	6.89	146	347067	36.981	ng		97
14) 1,2-Dichlorobenzene	7.05	146	318169	37.086	ng		98
15) Benzyl Alcohol	7.01	79	257177	35.111	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393712	36.646	ng		97
17) 2-Methylphenol	7.12	107	249130	34.554	ng		99
18) Hexachloroethane	7.39	117	117832	33.826	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	207893	34.523	ng		98
20) 3+4-Methylphenols	7.27	107	292550	34.160	ng	#	77
22) Acetophenone	7.27	105	414069	45.025	ng		98
24) Nitrobenzene	7.45	77	327513	43.374	ng		96
25) Isophorone	7.69	82	561552	40.086	ng		99
26) 2-Nitrophenol	7.77	139	154467	39.743	ng		98
27) 2,4-Dimethylphenol	7.80	122	250453	43.068	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	358601	41.727	ng		100
29) 2,4-Dichlorophenol	8.01	162	230278	38.076	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	265166	38.787	ng		99
31) Naphthalene	8.17	128	828766	42.038	ng		99
33) 4-Chloroaniline	8.22	127	118979	13.625	ng		98
34) Hexachlorobutadiene	8.29	225	153137	39.062	ng		98
35) Caprolactam	8.57	113	63967	34.227	ng		89
36) 4-Chloro-3-methylphenol	8.70	107	223947	35.697	ng		98
37) 2-Methylnaphthalene	8.86	142	533008	40.786	ng		99
38) 1-Methylnaphthalene	8.96	142	484135	39.003	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	227900	41.794	ng		99
41) Hexachlorocyclopentadiene	9.02	237	80797	25.975	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	140707	35.286 ng	100
44) 2,4,5-Trichlorophenol	9.19	196	147199	36.045 ng	98
46) 1,1'-Biphenyl	9.33	154	616483	43.548 ng	98
47) 2-Chloronaphthalene	9.35	162	467466	39.658 ng	99
48) 2-Nitroaniline	9.45	65	143092	39.221 ng	96
49) Acenaphthylene	9.77	152	704451	40.333 ng	99
50) Dimethylphthalate	9.62	163	742799	54.523 ng	99
51) 2,6-Dinitrotoluene	9.69	165	112364	36.292 ng	99
52) Acenaphthene	9.94	154	411826	36.521 ng	98
53) 3-Nitroaniline	9.85	138	88657	25.058 ng	94
54) 2,4-Dinitrophenol	9.97	184	8570	5.391 ng	93
55) Dibenzofuran	10.11	168	607819	37.956 ng	99
56) 4-Nitrophenol	10.02	139	182265	67.557 ng	96
57) 2,4-Dinitrotoluene	10.09	165	140369	34.995 ng	99
58) Fluorene	10.46	166	456392	39.867 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	117483	34.414 ng	98
60) Diethylphthalate	10.32	149	494981	38.777 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	230305	36.277 ng	97
62) 4-Nitroaniline	10.46	138	111630	32.893 ng	99
63) Azobenzene	10.60	77	490476	39.614 ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	16957	9.361 ng	98
66) n-Nitrosodiphenylamine	10.56	169	400797	43.459 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	134262	39.628 ng	96
68) Hexachlorobenzene	11.01	284	148536	38.390 ng	97
69) Atrazine	11.09	200	123657	40.872 ng	98
70) Pentachlorophenol	11.20	266	160760	67.933 ng	99
71) Phenanthrene	11.42	178	675859	44.473 ng	99
72) Anthracene	11.47	178	694889	44.244 ng	99
73) Carbazole	11.62	167	632605	45.932 ng	97
74) Di-n-butylphthalate	11.95	149	744314	43.874 ng	99
75) Fluoranthene	12.60	202	802234	49.954 ng	98
77) Benzidine	12.72	184	299276	29.942 ng	99
78) Pyrene	12.83	202	838346	35.070 ng	99
80) Butylbenzylphthalate	13.44	149	351171	34.461 ng	97
81) Benzo(a)anthracene	14.02	228	776113	41.753 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	216485	32.761 ng	99
83) Chrysene	14.06	228	771150	41.327 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	506105	40.095 ng	99
85) Di-n-octyl phthalate	14.62	149	894825	44.554 ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	655091	41.323 ng	99
88) Benzo(b)fluoranthene	15.07	252	781949	39.237 ng	100
89) Benzo(k)fluoranthene	15.10	252	732413	41.222 ng	99
90) Benzo(a)pyrene	15.44	252	715695	41.784 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	556848	37.031 ng	99
92) Benzo(g,h,i)perylene	17.43	276	528147	35.217 ng	98

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

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