Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120790.D
Acq On : 7 Jul 2020 16:33
Operator : JU/CG
Sample : L3230-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-C4-D4-C4A-D4AMSD

Quant Time: Jul 07 17:56:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151195	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	584189	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298709	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	546542	20.00	ng	0.00
76) Chrysene-d12	14.02	240	429242	20.00	ng	0.00
86) Perylene-d12	15.47	264	373528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1126247	114.99	ng	0.01
7) Phenol-d6	6.48	99	1430787	114.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	907176	89.97	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	384990	128.29	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1632725	82.70	ng	0.00
79) Terphenyl-d14	12.96	244	1741902	79.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	208577	46.618	ng	99
3) Pyridine	3.41	79	577479	47.121	ng	99
4) n-Nitrosodimethylamine	3.36	42	316726	51.661	ng	98
6) Aniline	6.51	93	662252	41.226	ng	99
8) 2-Chlorophenol	6.63	128	535946	51.395	ng	98
9) Benzaldehyde	6.39	77	187519	25.207	ng	99
10) Phenol	6.49	94	655789m	50.966	ng	
11) bis(2-Chloroethyl)ether	6.59	93	514422	49.130	ng	98
12) 1,3-Dichlorobenzene	6.79	146	554543	48.313	ng	99
13) 1,4-Dichlorobenzene	6.87	146	560309	48.738	ng	99
14) 1,2-Dichlorobenzene	7.02	146	524624	47.965	ng	100
15) Benzyl Alcohol	6.99	79	451160	48.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	764897	46.835	ng	100
17) 2-Methylphenol	7.10	107	436481	46.788	ng	98
18) Hexachloroethane	7.36	117	215481	49.869	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	366798	48.703	ng	97
20) 3+4-Methylphenols	7.25	107	515557	44.871	ng	91
22) Acetophenone	7.26	105	694153	47.804	ng	99
24) Nitrobenzene	7.43	77	576647	50.935	ng	97
25) Isophorone	7.67	82	1039130	47.787	ng	98
26) 2-Nitrophenol	7.75	139	263923	54.836	ng	97
27) 2,4-Dimethylphenol	7.79	122	454670	52.379	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	647519	50.314	ng	99
29) 2,4-Dichlorophenol	7.99	162	428567	49.456	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	465550	47.831	ng	99
31) Naphthalene	8.16	128	1495359	47.897	ng	100
32) Benzoic acid	7.91	122	338641	54.542	ng	98
33) 4-Chloroaniline	8.20	127	309738	23.380	ng	96
34) Hexachlorobutadiene	8.27	225	269755	46.082	ng	99
35) Caprolactam	8.57	113	132617m	52.521	ng	
36) 4-Chloro-3-methylphenol	8.68	107	462422	51.300	ng	98
37) 2-Methylnaphthalene	8.85	142	1001084	49.326	ng	99
38) 1-Methylnaphthalene	8.95	142	942623	49.584	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	420421	46.570	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	500386	93.812	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	310255	50.435	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	322195	47.195	ng		99
46) 1,1'-Biphenyl	9.31	154	1174248	48.735	ng		100
47) 2-Chloronaphthalene	9.33	162	924326	47.885	ng		99
48) 2-Nitroaniline	9.43	65	299975	51.687	ng		99
49) Acenaphthylene	9.75	152	1429699	47.242	ng		99
50) Dimethylphthalate	9.62	163	1250959	57.409	ng		100
51) 2,6-Dinitrotoluene	9.67	165	226660	52.133	ng		89
52) Acenaphthene	9.92	154	988018	52.625	ng		98
53) 3-Nitroaniline	9.84	138	154648	29.967	ng	#	90
54) 2,4-Dinitrophenol	9.95	184	190403	107.973	ng		95
55) Dibenzofuran	10.10	168	1307464	48.312	ng		99
56) 4-Nitrophenol	10.00	139	428261	106.458	ng		99
57) 2,4-Dinitrotoluene	10.07	165	305821	56.136	ng		93
58) Fluorene	10.44	166	955779	47.448	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	267802m	52.714	ng		
60) Diethylphthalate	10.32	149	1090223	48.029	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	456147	45.046	ng		99
62) 4-Nitroaniline	10.46	138	245350	52.994	ng		96
63) Azobenzene	10.59	77	1111235	47.857	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	130794	55.608	ng		87
66) n-Nitrosodiphenylamine	10.55	169	898993	49.075	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	298791	47.129	ng		98
68) Hexachlorobenzene	10.99	284	331589	49.842	ng	#	89
69) Atrazine	11.07	200	252694	53.544	ng		98
70) Pentachlorophenol	11.17	266	399165	106.048	ng		99
71) Phenanthrene	11.40	178	1441751	48.618	ng		99
72) Anthracene	11.45	178	1466343	48.933	ng		99
73) Carbazole	11.60	167	1378727	47.878	ng		99
74) Di-n-butylphthalate	11.94	149	1702053	47.740	ng		99
75) Fluoranthene	12.59	202	1570383	49.711	ng		99
77) Benzidine	12.71	184	928054	76.599	ng		99
78) Pyrene	12.82	202	1606400	46.859	ng		99
80) Butylbenzylphthalate	13.44	149	731767	49.442	ng		98
81) Benzo(a)anthracene	14.00	228	1268285	46.094	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	293113	31.567	ng	#	98
83) Chrysene	14.04	228	1376295	49.038	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	874059	45.034	ng	#	99
85) Di-n-octyl phthalate	14.61	149	1737679	50.608	ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1184911	49.457	ng		99
88) Benzo(b)fluoranthene	15.05	252	1295434	52.753	ng		100
89) Benzo(k)fluoranthene	15.08	252	1239513	51.873	ng		99
90) Benzo(a)pyrene	15.41	252	1116296	50.959	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1019691	51.064	ng		98
92) Benzo(g,h,i)perylene	17.37	276	909124	49.815	ng		99

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

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