Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121940.D
Acq On : 13 Oct 2020 16:10
Operator : JU/CG
Sample : L4369-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-4MSD

Manual Integrations APPROVED
mohammad
10/14/2020 12:53:19 PM

Quant Time: Oct 13 16:44:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	115001	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	437040	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	216374	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	374056	20.00	ng		-0.01
76) Chrysene-d12	13.904	240	256026	20.00	ng		-0.01
86) Perylene-d12	15.339	264	268269	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	604655	77.60	ng		0.00
7) Phenol-d6	6.392	99	759409	75.71	ng		0.00
23) Nitrobenzene-d5	7.310	82	521204	61.16	ng		-0.01
42) 2,4,6-Tribromophenol	10.569	330	199747	74.63	ng		-0.01
45) 2-Fluorobiphenyl	9.104	172	875298	59.52	ng		0.00
79) Terphenyl-d14	12.845	244	712452	53.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	125099	36.50	ng		99
3) Pyridine	3.228	79	364116	40.41	ng		98
4) n-Nitrosodimethylamine	3.181	42	172709	39.66	ng		98
6) Aniline	6.410	93	241611	19.56	ng	#	35
8) 2-Chlorophenol	6.534	128	317080	40.26	ng		96
9) Benzaldehyde	6.292	77	177158	29.22	ng		98
10) Phenol	6.404	94	399730	38.62	ng		98
11) bis(2-Chloroethyl)ether	6.481	93	316947	39.61	ng		99
12) 1,3-Dichlorobenzene	6.686	146	337963	38.15	ng		96
13) 1,4-Dichlorobenzene	6.763	146	344266	38.71	ng		98
14) 1,2-Dichlorobenzene	6.910	146	326820	40.20	ng		98
15) Benzyl Alcohol	6.898	79	276556	42.63	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	481305	39.08	ng		76
17) 2-Methylphenol	7.010	107	254133	37.74	ng		94
18) Hexachloroethane	7.251	117	125543	39.08	ng		100
19) n-Nitroso-di-n-propyla...	7.163	70	221932	38.86	ng		99
20) 3+4-Methylphenols	7.169	107	321687	39.62	ng	#	67
22) Acetophenone	7.157	105	423638	37.67	ng	#	92
24) Nitrobenzene	7.333	77	348490	38.26	ng		97
25) Isophorone	7.575	82	605821	37.60	ng		98
26) 2-Nitrophenol	7.645	139	164749	39.27	ng		94
27) 2,4-Dimethylphenol	7.692	122	272185	38.06	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	383555	38.04	ng		100
29) 2,4-Dichlorophenol	7.898	162	256455	38.30	ng		97
30) 1,2,4-Trichlorobenzene	7.969	180	270368	37.97	ng		99
31) Naphthalene	8.051	128	890162	38.02	ng		99
32) Benzoic acid	7.845	122	152984	39.12	ng		99
33) 4-Chloroaniline	8.104	127	142430	14.28	ng		99
34) Hexachlorobutadiene	8.163	225	162985	38.60	ng		98
35) Caprolactam	8.480	113	79252m	37.27	ng		
36) 4-Chloro-3-methylphenol	8.598	107	274534	38.17	ng		100
37) 2-Methylnaphthalene	8.739	142	572168	37.73	ng		98
38) 1-Methylnaphthalene	8.839	142	526716	37.51	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	271643	38.90	ng		99
41) Hexachlorocyclopentadiene	8.892	237	88340	52.02	ng		99
43) 2,4,6-Trichlorophenol	9.027	196	172382	40.01	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	181934	39.10	ng		98
46) 1,1'-Biphenyl	9.204	154	680032	38.65	ng		99
47) 2-Chloronaphthalene	9.227	162	532001	38.88	ng		99
48) 2-Nitroaniline	9.333	65	179928	39.87	ng		97
49) Acenaphthylene	9.645	152	826716	39.34	ng		99
50) Dimethylphthalate	9.510	163	701079	44.31	ng		100
51) 2,6-Dinitrotoluene	9.575	165	137337	39.57	ng		92
52) Acenaphthene	9.816	154	481539	38.52	ng		99
53) 3-Nitroaniline	9.739	138	80883	20.49	ng		99
54) 2,4-Dinitrophenol	9.863	184	48270	32.98	ng		97
55) Dibenzofuran	9.986	168	698013	38.19	ng		100
56) 4-Nitrophenol	9.922	139	164046	76.40	ng	#	82
57) 2,4-Dinitrotoluene	9.980	165	166507	38.97	ng	#	89
58) Fluorene	10.327	166	563224	38.24	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	140154	38.93	ng		99
60) Diethylphthalate	10.204	149	601982	39.46	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	268122	37.96	ng		94
62) 4-Nitroaniline	10.357	138	121630	30.84	ng		98
63) Azobenzene	10.480	77	614090	38.06	ng		98
65) 4,6-Dinitro-2-methylph...	10.392	198	44472	20.54	ng		98
66) n-Nitrosodiphenylamine	10.439	169	515109	39.98	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	172067	39.82	ng		96
68) Hexachlorobenzene	10.874	284	188642	38.57	ng		97
69) Atrazine	10.969	200	132275	41.98	ng		99
70) Pentachlorophenol	11.080	266	139454	73.25	ng		99
71) Phenanthrene	11.286	178	802818	39.14	ng		99
72) Anthracene	11.339	178	816715	38.39	ng		99
73) Carbazole	11.498	167	707737	37.42	ng		99
74) Di-n-butylphthalate	11.827	149	871637	40.06	ng		99
75) Fluoranthene	12.474	202	788719	35.86	ng		100
77) Benzidine	12.604	184	367700	46.58	ng		99
78) Pyrene	12.704	202	797431	40.87	ng		100
80) Butylbenzylphthalate	13.321	149	324519	41.94	ng		96
81) Benzo(a)anthracene	13.898	228	674134	40.18	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	202590	32.55	ng		99
83) Chrysene	13.933	228	639550	38.83	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	431442	41.07	ng		99
85) Di-n-octyl phthalate	14.492	149	714093	42.03	ng		100
87) Indeno(1,2,3-cd)pyrene	16.762	276	768983	44.15	ng		99
88) Benzo(b)fluoranthene	14.933	252	721763	39.80	ng		99
89) Benzo(k)fluoranthene	14.957	252	616213	35.77	ng		99
90) Benzo(a)pyrene	15.286	252	634295	40.50	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	626495	43.68	ng		99
92) Benzo(g,h,i)perylene	17.186	276	640286	44.61	ng		97

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

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