Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121728.D
Acq On : 29 Sep 2020 13:31
Operator : JU/CG
Sample : L4158-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-1MSD

Manual Integrations APPROVED
mohammad
10/1/2020 11:45:08 AM

Quant Time: Sep 29 14:39:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	134472	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	521330	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	262394	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	473137	20.00	ng	0.00
76) Chrysene-d12	13.94	240	351418	20.00	ng	0.00
86) Perylene-d12	15.38	264	306333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	585889	64.75	ng	0.00
7) Phenol-d6	6.42	99	753870	63.50	ng	0.00
23) Nitrobenzene-d5	7.35	82	506218	52.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	202665	62.14	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	877903	50.67	ng	0.00
79) Terphenyl-d14	12.89	244	827637	47.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	154994	37.285	ng	98
3) Pyridine	3.30	79	431149	37.517	ng	98
4) n-Nitrosodimethylamine	3.25	42	209977	39.391	ng	99
6) Aniline	6.45	93	276144	17.861	ng	99
8) 2-Chlorophenol	6.57	128	382211	41.488	ng	100
9) Benzaldehyde	6.33	77	123032	15.854	ng	94
10) Phenol	6.43	94	486726	38.503	ng	83
11) bis(2-Chloroethyl)ether	6.52	93	381600	40.052	ng	99
12) 1,3-Dichlorobenzene	6.72	146	412782	40.143	ng	99
13) 1,4-Dichlorobenzene	6.80	146	414822	40.177	ng	99
14) 1,2-Dichlorobenzene	6.95	146	401041	42.164	ng	99
15) Benzyl Alcohol	6.93	79	339872	42.122	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	595808	38.861	ng	97
17) 2-Methylphenol	7.05	107	316294	40.350	ng	98
18) Hexachloroethane	7.29	117	151231	40.907	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	266496	38.952	ng	99
20) 3+4-Methylphenols	7.20	107	380155	40.364	ng	94
22) Acetophenone	7.19	105	507717	38.385	ng	97
24) Nitrobenzene	7.37	77	422464	40.229	ng	98
25) Isophorone	7.61	82	741165	37.920	ng	100
26) 2-Nitrophenol	7.69	139	197227	40.326	ng	93
27) 2,4-Dimethylphenol	7.73	122	327794	37.570	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	466429	38.547	ng	100
29) 2,4-Dichlorophenol	7.93	162	311991	39.261	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	328266	39.223	ng	99
31) Naphthalene	8.09	128	1075781	39.091	ng	99
32) Benzoic acid	7.81	122	14522	8.844	ng	97
33) 4-Chloroaniline	8.14	127	166777	13.980	ng	99
34) Hexachlorobutadiene	8.20	225	196924	40.087	ng	99
35) Caprolactam	8.51	113	91737m	34.666	ng	
36) 4-Chloro-3-methylphenol	8.63	107	336191	39.273	ng	96
37) 2-Methylnaphthalene	8.78	142	701853	38.916	ng	99
38) 1-Methylnaphthalene	8.88	142	649545	38.698	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	325612	39.727	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	288069	61.544	ng		98
43) 2,4,6-Trichlorophenol	9.06	196	214837	38.455	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	228295	38.654	ng		99
46) 1,1'-Biphenyl	9.25	154	822992	39.178	ng		99
47) 2-Chloronaphthalene	9.27	162	648132	39.154	ng		99
48) 2-Nitroaniline	9.37	65	218615	42.499	ng		91
49) Acenaphthylene	9.69	152	1010058	39.713	ng		99
50) Dimethylphthalate	9.55	163	851160	44.756	ng		98
51) 2,6-Dinitrotoluene	9.61	165	170954	42.209	ng		97
52) Acenaphthene	9.86	154	591814	36.840	ng		100
53) 3-Nitroaniline	9.77	138	107376	22.886	ng		92
54) 2,4-Dinitrophenol	9.89	184	59247	31.542	ng		95
55) Dibenzofuran	10.03	168	880498	38.921	ng		98
56) 4-Nitrophenol	9.95	139	245946	65.730	ng		94
57) 2,4-Dinitrotoluene	10.02	165	220988	43.370	ng		99
58) Fluorene	10.37	166	681347	39.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	168038	34.997	ng		100
60) Diethylphthalate	10.25	149	717601	38.701	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	327445	39.511	ng		95
62) 4-Nitroaniline	10.39	138	176352	37.855	ng		99
63) Azobenzene	10.52	77	758036	38.390	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	74738	28.919	ng		98
66) n-Nitrosodiphenylamine	10.48	169	640120	39.435	ng		99
67) 4-Bromophenyl-phenylether	10.85	248	218009	40.470	ng		96
68) Hexachlorobenzene	10.92	284	244996	40.300	ng		96
69) Atrazine	11.01	200	151395	37.541	ng		98
70) Pentachlorophenol	11.12	266	163494	48.970	ng		99
71) Phenanthrene	11.33	178	1026229	39.810	ng		99
72) Anthracene	11.38	178	1059053	39.811	ng		99
73) Carbazole	11.54	167	936709	39.020	ng		100
74) Di-n-butylphthalate	11.87	149	1074288	38.773	ng		100
75) Fluoranthene	12.52	202	1084134	39.397	ng		98
77) Benzidine	12.64	184	401097	34.428	ng		99
78) Pyrene	12.74	202	1101172	42.888	ng		100
80) Butylbenzylphthalate	13.36	149	439868	42.360	ng		94
81) Benzo(a)anthracene	13.93	228	907993	40.841	ng		100
82) 3,3'-Dichlorobenzidine	13.89	252	110609	12.744	ng		99
83) Chrysene	13.97	228	903105	40.114	ng		98
84) Bis(2-ethylhexyl)phthalate	13.92	149	554410	39.965	ng	#	98
85) Di-n-octyl phthalate	14.53	149	928883	37.942	ng		100
87) Indeno(1,2,3-cd)pyrene	16.80	276	906256	45.428	ng		100
88) Benzo(b)fluoranthene	14.97	252	830610	40.560	ng		99
89) Benzo(k)fluoranthene	15.00	252	812103	43.305	ng		98
90) Benzo(a)pyrene	15.33	252	739215	42.465	ng		98
91) Dibenzo(a,h)anthracene	16.82	278	746459	44.950	ng		99
92) Benzo(g,h,i)perylene	17.24	276	795346	48.723	ng		99

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

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