Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121755.D
Acq On : 30 Sep 2020 23:39
Operator : JU/CG
Sample : L4190-13MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MSD

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:37 PM

Quant Time: Oct 01 01:23:46 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	6.77	152	157040	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	612455	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	317542	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	559025	20.00	ng		0.00
76) Chrysene-d12	13.94	240	355435	20.00	ng		0.00
86) Perylene-d12	15.37	264	341280	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	972135	92.00	ng		0.00
7) Phenol-d6	6.42	99	1285961	92.76	ng		0.00
23) Nitrobenzene-d5	7.35	82	897285	78.66	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	396461	100.46	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	1567029	74.74	ng		-0.01
79) Terphenyl-d14	12.89	244	1437119	81.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	178205	36.708	ng		100
3) Pyridine	3.30	79	525995	39.193	ng		100
4) n-Nitrosodimethylamine	3.26	42	254100	40.818	ng		98
6) Aniline	6.45	93	391611	21.689	ng		99
8) 2-Chlorophenol	6.57	128	473956	44.053	ng		97
9) Benzaldehyde	6.33	77	143249	15.806	ng		98
10) Phenol	6.44	94	606125	41.058	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	471020	42.333	ng		98
12) 1,3-Dichlorobenzene	6.72	146	496219	41.322	ng		98
13) 1,4-Dichlorobenzene	6.80	146	503545	41.761	ng		98
14) 1,2-Dichlorobenzene	6.95	146	481571	43.354	ng		100
15) Benzyl Alcohol	6.93	79	421609	44.743	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	732310	40.900	ng		98
17) 2-Methylphenol	7.05	107	388937	42.487	ng		96
18) Hexachloroethane	7.29	117	183741	42.558	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	333050	41.684	ng		98
20) 3+4-Methylphenols	7.20	107	456593	41.513	ng	#	85
22) Acetophenone	7.19	105	623544	40.127	ng		99
24) Nitrobenzene	7.36	77	518040	41.990	ng		98
25) Isophorone	7.60	82	946648	41.226	ng		98
26) 2-Nitrophenol	7.68	139	249726	43.264	ng		98
27) 2,4-Dimethylphenol	7.72	122	422448	41.215	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	595683	41.904	ng		100
29) 2,4-Dichlorophenol	7.93	162	389555	41.728	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	410003	41.700	ng		99
31) Naphthalene	8.09	128	1342872	41.536	ng		100
32) Benzoic acid	7.87	122	262482	36.299	ng		98
33) 4-Chloroaniline	8.13	127	216422	15.443	ng		99
34) Hexachlorobutadiene	8.20	225	249076	43.159	ng		99
35) Caprolactam	8.52	113	126827m	40.795	ng		
36) 4-Chloro-3-methylphenol	8.63	107	430855	42.842	ng		95
37) 2-Methylnaphthalene	8.77	142	886177	41.826	ng		99
38) 1-Methylnaphthalene	8.87	142	823765	41.776	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	414477	41.786	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	283495	50.048	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	279754	41.378	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	296516	41.486	ng		96
46) 1,1'-Biphenyl	9.24	154	1056247	41.550	ng		98
47) 2-Chloronaphthalene	9.27	162	815280	40.698	ng		98
48) 2-Nitroaniline	9.36	65	282780	45.425	ng		97
49) Acenaphthylene	9.68	152	1256992	40.838	ng		99
50) Dimethylphthalate	9.55	163	1135330	49.330	ng		99
51) 2,6-Dinitrotoluene	9.61	165	217666	44.409	ng		98
52) Acenaphthene	9.85	154	760215	39.104	ng		98
53) 3-Nitroaniline	9.77	138	122019	21.490	ng		100
54) 2,4-Dinitrophenol	9.89	184	145397	54.663	ng		96
55) Dibenzofuran	10.03	168	1112064	40.619	ng		99
56) 4-Nitrophenol	9.95	139	323513	71.444	ng		93
57) 2,4-Dinitrotoluene	10.02	165	281850	45.708	ng		97
58) Fluorene	10.37	166	863599	41.248	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	241438	41.551	ng		98
60) Diethylphthalate	10.25	149	966315	43.064	ng		100
61) 4-Chlorophenyl-phenylether	10.36	204	419616	41.839	ng		97
62) 4-Nitroaniline	10.39	138	193070	34.246	ng		99
63) Azobenzene	10.52	77	975490	40.823	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	115346	35.677	ng		94
66) n-Nitrosodiphenylamine	10.48	169	816633	42.580	ng		99
67) 4-Bromophenyl-phenylether	10.84	248	282513	44.387	ng		98
68) Hexachlorobenzene	10.92	284	312289	43.477	ng		98
69) Atrazine	11.00	200	194642	40.850	ng		98
70) Pentachlorophenol	11.11	266	302360	76.650	ng		99
71) Phenanthrene	11.33	178	1336680	43.886	ng		100
72) Anthracene	11.38	178	1306262	41.559	ng		100
73) Carbazole	11.53	167	1129954	39.838	ng		100
74) Di-n-butylphthalate	11.86	149	1413936	43.191	ng		100
75) Fluoranthene	12.52	202	1331699	40.958	ng		99
77) Benzidine	12.63	184	438630	37.224	ng		100
78) Pyrene	12.74	202	1309450	50.423	ng		99
80) Butylbenzylphthalate	13.36	149	533121	50.760	ng		92
81) Benzo(a)anthracene	13.93	228	995945	44.291	ng		99
82) 3,3'-Dichlorobenzidine	13.89	252	279748	31.866	ng		97
83) Chrysene	13.97	228	978178	42.958	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	698758	49.802	ng	#	98
85) Di-n-octyl phthalate	14.53	149	1159964	46.845	ng		100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1112972	50.077	ng		99
88) Benzo(b)fluoranthene	14.97	252	1041527	45.651	ng		99
89) Benzo(k)fluoranthene	14.99	252	848187	40.597	ng		99
90) Benzo(a)pyrene	15.32	252	874078	45.071	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	902492	48.781	ng		99
92) Benzo(g,h,i)perylene	17.23	276	963057	52.956	ng		100

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

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