Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121481.D
Acq On : 31 Aug 2020 16:59
Operator : JU/CG
Sample : L3833-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
12018MS

Manual Integrations APPROVED
mohammad
9/2/2020 1:55:54 PM

Quant Time: Aug 31 17:34:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	342922	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1310801	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	690494	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1269721	20.00	ng		0.00
76) Chrysene-d12	14.03	240	766124	20.00	ng		0.00
86) Perylene-d12	15.50	264	770126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2277153	111.41	ng		0.01
7) Phenol-d6	6.49	99	3078280	107.77	ng		0.00
23) Nitrobenzene-d5	7.43	82	2020236	105.37	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	951560	136.44	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3476892	81.25	ng		0.00
79) Terphenyl-d14	12.97	244	3300958	90.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	358972	36.827	ng		99
3) Pyridine	3.46	79	862114	32.478	ng		98
4) n-Nitrosodimethylamine	3.42	42	457844	39.020	ng		92
6) Aniline	6.52	93	987590	29.140	ng		99
8) 2-Chlorophenol	6.65	128	986112	47.536	ng		98
9) Benzaldehyde	6.41	77	566877	40.369	ng		98
10) Phenol	6.50	94	1225485	43.858	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	933820	41.134	ng		98
12) 1,3-Dichlorobenzene	6.80	146	982030	39.317	ng		99
13) 1,4-Dichlorobenzene	6.88	146	999127	39.915	ng		100
14) 1,2-Dichlorobenzene	7.03	146	970268	41.629	ng		98
15) Benzyl Alcohol	7.00	79	824213	43.963	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1342912	39.930	ng		99
17) 2-Methylphenol	7.12	107	787937	43.655	ng		99
18) Hexachloroethane	7.37	117	369761	43.162	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	676778	42.398	ng		97
20) 3+4-Methylphenols	7.27	107	927871	42.482	ng		98
22) Acetophenone	7.27	105	1250644	38.711	ng	#	97
24) Nitrobenzene	7.45	77	1004187	52.250	ng		96
25) Isophorone	7.69	82	1871156	43.389	ng		100
26) 2-Nitrophenol	7.76	139	504004	57.615	ng		98
27) 2,4-Dimethylphenol	7.80	122	903869	50.534	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1193476	40.698	ng		99
29) 2,4-Dichlorophenol	8.00	162	815316	46.166	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	859279	39.718	ng		100
31) Naphthalene	8.17	128	2636927	40.521	ng		100
32) Benzoic acid	7.93	122	599442	51.597	ng		99
33) 4-Chloroaniline	8.21	127	433866	14.969	ng		99
34) Hexachlorobutadiene	8.29	225	499431	38.819	ng		98
35) Caprolactam	8.59	113	268225m	46.567	ng		
36) 4-Chloro-3-methylphenol	8.70	107	840754	45.152	ng		99
37) 2-Methylnaphthalene	8.86	142	1843409	42.755	ng		99
38) 1-Methylnaphthalene	8.96	142	1739705	42.731	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	833749	40.733	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	9.02	237	809743	94.075	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	602869	46.600	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	619824	48.451	ng		99
46) 1,1'-Biphenyl	9.33	154	2177050	41.782	ng		97
47) 2-Chloronaphthalene	9.35	162	1647025	38.457	ng		99
48) 2-Nitroaniline	9.45	65	547519	45.888	ng		88
49) Acenaphthylene	9.76	152	2686535	41.820	ng		100
50) Dimethylphthalate	9.63	163	2144393	45.211	ng		100
51) 2,6-Dinitrotoluene	9.69	165	452396	50.505	ng		93
52) Acenaphthene	9.94	154	1762638	43.454	ng		100
53) 3-Nitroaniline	9.85	138	269537	26.547	ng	#	98
54) 2,4-Dinitrophenol	9.96	184	295818	75.513	ng		91
55) Dibenzofuran	10.11	168	2404936	40.815	ng		99
56) 4-Nitrophenol	10.02	139	770232	83.703	ng		93
57) 2,4-Dinitrotoluene	10.09	165	591003	53.096	ng		97
58) Fluorene	10.45	166	1800248	40.529	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	532942	50.037	ng		99
60) Diethylphthalate	10.33	149	2002841	42.030	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	893987	40.169	ng		99
62) 4-Nitroaniline	10.47	138	428688	38.028	ng		96
63) Azobenzene	10.60	77	1916212	40.663	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	215826	54.271	ng		81
66) n-Nitrosodiphenylamine	10.56	169	1682462	41.896	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	586366	41.979	ng		99
68) Hexachlorobenzene	11.00	284	660377	40.430	ng		99
69) Atrazine	11.09	200	481725	41.362	ng		97
70) Pentachlorophenol	11.19	266	754214	101.071	ng		97
71) Phenanthrene	11.42	178	3083658	47.325	ng		99
72) Anthracene	11.46	178	2741700	42.781	ng		100
73) Carbazole	11.62	167	2526978	40.890	ng		100
74) Di-n-butylphthalate	11.95	149	2964457	43.180	ng		100
75) Fluoranthene	12.60	202	3926533	55.913	ng		99
77) Benzidine	12.72	184	913990	54.702	ng		100
78) Pyrene	12.83	202	3691116	67.461	ng		98
80) Butylbenzylphthalate	13.45	149	1190172	56.462	ng		100
81) Benzo(a)anthracene	14.02	228	2364566	50.559	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	607365	35.456	ng		99
83) Chrysene	14.06	228	2457649	52.526	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1544924	56.747	ng		100
85) Di-n-octyl phthalate	14.62	149	2520648	54.633	ng		98
87) Indeno(1,2,3-cd)pyrene	16.97	276	2440581	51.506	ng		99
88) Benzo(b)fluoranthene	15.07	252	2744167	54.778	ng		100
89) Benzo(k)fluoranthene	15.10	252	1936288	41.555	ng		99
90) Benzo(a)pyrene	15.44	252	2140627	47.520	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1730872	44.624	ng		99
92) Benzo(g,h,i)perylene	17.42	276	2100912	56.228	ng		98

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

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