Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121247.D
Acq On : 11 Aug 2020 18:51
Operator : JU/CG
Sample : L3607-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Manual Integrations APPROVED
mohammad
8/12/2020 1:47:40 PM

Quant Time: Aug 12 10:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141909	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	545084	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	288963	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	576817	20.00	ng		0.00
76) Chrysene-d12	13.97	240	452898	20.00	ng		0.00
86) Perylene-d12	15.42	264	439799	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	866897	100.15	ng		0.00
7) Phenol-d6	6.44	99	966548	86.44	ng		0.00
23) Nitrobenzene-d5	7.36	82	798564	84.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	367451	116.17	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1399233	72.30	ng		0.00
79) Terphenyl-d14	12.91	244	1564105	75.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	149355	37.489	ng		99
3) Pyridine	3.27	79	293478	27.692	ng		99
4) n-Nitrosodimethylamine	3.22	42	177709	39.214	ng		95
6) Aniline	6.46	93	412054	28.230	ng	#	85
8) 2-Chlorophenol	6.58	128	420609	44.107	ng		99
9) Benzaldehyde	6.35	77	307228	68.467	ng		99
10) Phenol	6.45	94	415950	33.816	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	405152	42.979	ng		97
12) 1,3-Dichlorobenzene	6.73	146	410585	39.706	ng		99
13) 1,4-Dichlorobenzene	6.81	146	415025	40.363	ng		99
14) 1,2-Dichlorobenzene	6.96	146	403914	41.523	ng		100
15) Benzyl Alcohol	6.95	79	344412	43.554	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	556925	40.988	ng		94
17) 2-Methylphenol	7.06	107	329376	38.969	ng		99
18) Hexachloroethane	7.30	117	149084	40.059	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	272689	42.887	ng		98
20) 3+4-Methylphenols	7.21	107	378104	35.166	ng	#	82
22) Acetophenone	7.20	105	547608	44.764	ng		95
24) Nitrobenzene	7.38	77	456803	44.991	ng		98
25) Isophorone	7.62	82	800092	42.557	ng		97
26) 2-Nitrophenol	7.70	139	233029	48.326	ng		98
27) 2,4-Dimethylphenol	7.74	122	346979	44.319	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	518997	45.223	ng		100
29) 2,4-Dichlorophenol	7.94	162	362475	45.308	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	371427	41.846	ng		99
31) Naphthalene	8.10	128	1159318	41.463	ng		100
32) Benzoic acid	7.87	122	136015m	23.143	ng		
33) 4-Chloroaniline	8.15	127	271329	21.754	ng		98
34) Hexachlorobutadiene	8.22	225	205925	39.355	ng		99
35) Caprolactam	8.54	113	89405	34.848	ng		87
36) 4-Chloro-3-methylphenol	8.65	107	373535	45.525	ng		99
37) 2-Methylnaphthalene	8.79	142	809694	44.600	ng		99
38) 1-Methylnaphthalene	8.89	142	761541	44.290	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	380501	45.195	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	8.95	237	291634	62.675	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	256275	43.232	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	279600	41.582	ng		98
46) 1,1'-Biphenyl	9.26	154	990224	44.924	ng		100
47) 2-Chloronaphthalene	9.29	162	760905	42.341	ng		99
48) 2-Nitroaniline	9.38	65	149455	27.519	ng		96
49) Acenaphthylene	9.70	152	1224880	43.874	ng		100
50) Dimethylphthalate	9.56	163	946277	45.392	ng		100
51) 2,6-Dinitrotoluene	9.63	165	214340	47.857	ng		99
52) Acenaphthene	9.87	154	708177	39.898	ng		100
53) 3-Nitroaniline	9.80	138	143187	25.491	ng		98
54) 2,4-Dinitrophenol	9.91	184	165920	65.696	ng	#	92
55) Dibenzofuran	10.05	168	1050955	40.944	ng		99
56) 4-Nitrophenol	9.97	139	264891	62.080	ng		94
57) 2,4-Dinitrotoluene	10.03	165	270025	45.910	ng	#	85
58) Fluorene	10.39	166	824552	43.072	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	238031	46.494	ng		98
60) Diethylphthalate	10.26	149	934453	44.316	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	400121	39.186	ng		98
62) 4-Nitroaniline	10.41	138	135584	24.779	ng		96
63) Azobenzene	10.54	77	869181	43.298	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	140424	42.539	ng		99
66) n-Nitrosodiphenylamine	10.50	169	772145	42.553	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	270882	42.121	ng		95
68) Hexachlorobenzene	10.94	284	306175	44.011	ng		99
69) Atrazine	11.03	200	231730	51.566	ng		99
70) Pentachlorophenol	11.14	266	312340	78.371	ng		98
71) Phenanthrene	11.35	178	1270110	42.814	ng		100
72) Anthracene	11.40	178	1290692	43.328	ng		100
73) Carbazole	11.56	167	1265093	42.794	ng		99
74) Di-n-butylphthalate	11.89	149	1467229	43.008	ng		100
75) Fluoranthene	12.54	202	1440035	43.794	ng		97
77) Benzidine	12.66	184	190889	16.031	ng		97
78) Pyrene	12.77	202	1501589	46.895	ng		99
80) Butylbenzylphthalate	13.38	149	668840	46.857	ng		93
81) Benzo(a)anthracene	13.96	228	1294776	47.211	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	114180	11.035	ng		99
83) Chrysene	14.00	228	1285572	44.605	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	883865	50.215	ng		99
85) Di-n-octyl phthalate	14.56	149	1549950	44.261	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1256458	41.079	ng		99
88) Benzo(b)fluoranthene	15.00	252	1296543	48.771	ng		99
89) Benzo(k)fluoranthene	15.03	252	1123035	46.321	ng		100
90) Benzo(a)pyrene	15.36	252	1075760	44.353	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	1053791	42.178	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1072809	43.549	ng		99

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

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