Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120839.D
Acq On : 10 Jul 2020 19:06
Operator : JU/CG
Sample : L3257-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH1MS

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:50 PM

Quant Time: Jul 11 06:37:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209295	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	792199	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	392911	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	725197	20.00	ng	0.00
76) Chrysene-d12	14.02	240	512705	20.00	ng	0.00
86) Perylene-d12	15.47	264	429895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1221078	90.06	ng	0.01
7) Phenol-d6	6.48	99	1574140	90.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	1012243	74.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	414321	104.96	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1766264	68.01	ng	0.00
79) Terphenyl-d14	12.96	244	1907947	72.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	263100	42.480	ng	98
3) Pyridine	3.42	79	712474	41.998	ng	98
4) n-Nitrosodimethylamine	3.38	42	356190	41.970	ng	87
6) Aniline	6.51	93	805265	36.213	ng	98
8) 2-Chlorophenol	6.63	128	657366	45.539	ng	96
9) Benzaldehyde	6.39	77	214435	20.823	ng	97
10) Phenol	6.49	94	770663m	43.267	ng	
11) bis(2-Chloroethyl)ether	6.59	93	620289	42.796	ng	96
12) 1,3-Dichlorobenzene	6.79	146	671128	42.239	ng	99
13) 1,4-Dichlorobenzene	6.86	146	672059	42.231	ng	99
14) 1,2-Dichlorobenzene	7.02	146	626126	41.354	ng	98
15) Benzyl Alcohol	6.99	79	524828	40.343	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	893135	39.506	ng	98
17) 2-Methylphenol	7.10	107	531699	41.173	ng	99
18) Hexachloroethane	7.36	117	258150	43.159	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	416180	39.920	ng	92
20) 3+4-Methylphenols	7.25	107	577722	36.323	ng	91
22) Acetophenone	7.26	105	779543	39.589	ng	99
24) Nitrobenzene	7.43	77	678939	44.224	ng	94
25) Isophorone	7.67	82	1223049	41.477	ng	99
26) 2-Nitrophenol	7.75	139	314656	48.690	ng	92
27) 2,4-Dimethylphenol	7.79	122	558706	47.464	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	763146	43.728	ng	99
29) 2,4-Dichlorophenol	7.99	162	519683	44.224	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	572314	43.361	ng	99
31) Naphthalene	8.16	128	1783343	42.122	ng	100
32) Benzoic acid	7.89	122	201329	26.284	ng	94
33) 4-Chloroaniline	8.20	127	481456	26.799	ng	98
34) Hexachlorobutadiene	8.27	225	326052	41.074	ng	99
35) Caprolactam	8.57	113	154007m	44.977	ng	
36) 4-Chloro-3-methylphenol	8.68	107	535757	43.829	ng	95
37) 2-Methylnaphthalene	8.85	142	1187667	43.154	ng	98
38) 1-Methylnaphthalene	8.95	142	1095847	42.508	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	495161	41.699	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	9.00	237	442361	63.050	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	373319	46.137	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	379199	42.228	ng		99
46) 1,1'-Biphenyl	9.31	154	1334662	42.112	ng		99
47) 2-Chloronaphthalene	9.33	162	1073961	42.298	ng		99
48) 2-Nitroaniline	9.43	65	344152	45.417	ng		96
49) Acenaphthylene	9.75	152	1673297	42.035	ng		99
50) Dimethylphthalate	9.62	163	1308470	45.652	ng		99
51) 2,6-Dinitrotoluene	9.67	165	275371	48.326	ng	#	78
52) Acenaphthene	9.92	154	1035708	41.939	ng		99
53) 3-Nitroaniline	9.84	138	243565	35.454	ng		91
54) 2,4-Dinitrophenol	9.94	184	71576	37.665	ng		94
55) Dibenzofuran	10.09	168	1512848	42.499	ng		99
56) 4-Nitrophenol	10.00	139	447216	84.947	ng		92
57) 2,4-Dinitrotoluene	10.07	165	359450	50.488	ng	#	82
58) Fluorene	10.44	166	1038992	39.213	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	303596	45.432	ng		95
60) Diethylphthalate	10.32	149	1241386	41.577	ng		97
61) 4-Chlorophenyl-phenylether	10.43	204	499572	37.506	ng		98
62) 4-Nitroaniline	10.46	138	294548	48.367	ng		88
63) Azobenzene	10.59	77	1205542	39.471	ng		95
65) 4,6-Dinitro-2-methylphenol	10.48	198	76680	28.481	ng	#	73
66) n-Nitrosodiphenylamine	10.55	169	1032448	42.475	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	344792	40.987	ng		96
68) Hexachlorobenzene	10.99	284	385883	43.714	ng	#	87
69) Atrazine	11.07	200	292039	46.637	ng		99
70) Pentachlorophenol	11.17	266	369593	74.002	ng		99
71) Phenanthrene	11.40	178	1747796	44.419	ng		99
72) Anthracene	11.45	178	1703979	42.855	ng		99
73) Carbazole	11.60	167	1551248	40.598	ng		99
74) Di-n-butylphthalate	11.94	149	1894602	40.050	ng		99
75) Fluoranthene	12.59	202	2056990	49.073	ng		99
77) Benzidine	12.70	184	626323	43.280	ng		99
78) Pyrene	12.82	202	2080873	50.818	ng		99
80) Butylbenzylphthalate	13.43	149	832861	47.112	ng		98
81) Benzo(a)anthracene	14.00	228	1435564	43.680	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	385418	34.751	ng		99
83) Chrysene	14.04	228	1577153	47.047	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	924016	39.858	ng	#	96
85) Di-n-octyl phthalate	14.61	149	1914534	46.682	ng		97
87) Indeno(1,2,3-cd)pyrene	16.93	276	1401078	50.812	ng		100
88) Benzo(b)fluoranthene	15.05	252	1479616	52.353	ng		99
89) Benzo(k)fluoranthene	15.08	252	1332453	48.451	ng		99
90) Benzo(a)pyrene	15.42	252	1244451	49.360	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	1124925	48.948	ng		98
92) Benzo(g,h,i)perylene	17.37	276	1161996	55.322	ng		98

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

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