Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
Data File : BF122563.D
Acq On : 5 Dec 2020 17:16
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
12/7/2020 2:13:20 PM

Quant Time: Dec 07 07:43:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 07:28:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	183639	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	632911	20.00	ng		0.00
39) Acenaphthene-d10	9.886	164	326552	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	573703	20.00	ng		0.00
76) Chrysene-d12	14.010	240	404023	20.00	ng		0.00
86) Perylene-d12	15.468	264	365384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1502751	125.65	ng		0.00
7) Phenol-d6	6.487	99	1957487	125.12	ng		0.00
23) Nitrobenzene-d5	7.416	82	1732500	167.58	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	572835	163.44	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	12.957	244	3121547	163.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	377502	68.83	ng		100
3) Pyridine	3.334	79	1008678	66.87	ng		98
4) n-Nitrosodimethylamine	3.299	42	409411	57.57	ng		94
6) Aniline	6.516	93	1174496	57.21	ng		99
8) 2-Chlorophenol	6.634	128	826838	66.67	ng		99
10) Phenol	6.504	94	999981	64.90	ng		89
11) bis(2-Chloroethyl)ether	6.587	93	803604	65.62	ng		98
12) 1,3-Dichlorobenzene	6.787	146	962163	68.33	ng		98
13) 1,4-Dichlorobenzene	6.863	146	968497	68.47	ng		98
15) Benzyl Alcohol	6.992	79	691217	62.14	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	1123352	62.94	ng		99
17) 2-Methylphenol	7.104	107	677985	65.50	ng		99
18) Hexachloroethane	7.357	117	359201	72.92	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	563928	60.32	ng		99
22) Acetophenone	7.263	105	1017329	61.71	ng	#	93
24) Nitrobenzene	7.434	77	867644	73.35	ng		97
25) Isophorone	7.675	82	1507068	65.39	ng		99
26) 2-Nitrophenol	7.745	139	447806	112.18	ng		99
27) 2,4-Dimethylphenol	7.787	122	621761	57.20	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	1014525	71.97	ng		99
29) 2,4-Dichlorophenol	7.992	162	710087	73.78	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	789749	74.34	ng		99
31) Naphthalene	8.151	128	2260465	67.18	ng		98
32) Benzoic acid	7.939	122	571806	116.56	ng		98
33) 4-Chloroaniline	8.204	127	972946	66.39	ng		99
34) Hexachlorobutadiene	8.269	225	496122	81.26	ng		98
35) Caprolactam	8.598	113	220987	72.44	ng		97
36) 4-Chloro-3-methylphenol	8.687	107	710304	70.76	ng		98
37) 2-Methylnaphthalene	8.845	142	1478679	66.52	ng		99
38) 1-Methylnaphthalene	8.945	142	1409508	67.74	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	724684	72.02	ng		99
41) Hexachlorocyclopentadiene	8.998	237	380449	64.66	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	518264	79.31	ng		98
44) 2,4,5-Trichlorophenol	9.163	196	541252	79.01	ng		98
46) 1,1'-Biphenyl	9.310	154	1741448	67.00	ng		99
47) 2-Chloronaphthalene	9.334	162	1487083	72.08	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.428	65	471158	93.02	ng	92
49) Acenaphthylene	9.751	152	2155660	67.98	ng	99
50) Dimethylphthalate	9.616	163	1750423	75.41	ng	100
51) 2,6-Dinitrotoluene	9.675	165	388277	86.51	ng	98
52) Acenaphthene	9.922	154	1423067m	72.51	ng	
53) 3-Nitroaniline	9.845	138	442117	85.30	ng	96
54) 2,4-Dinitrophenol	9.945	184	219784	160.27	ng	98
55) Dibenzofuran	10.092	168	1942338	67.55	ng	99
56) 4-Nitrophenol	10.004	139	329035	74.29	ng	92
57) 2,4-Dinitrotoluene	10.081	165	507971	93.58	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.210	232	471595	82.78	ng	100
60) Diethylphthalate	10.310	149	1668295	73.27	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	741984	71.38	ng	97
62) 4-Nitroaniline	10.463	138	441422	86.49	ng	99
63) Azobenzene	10.586	77	1549423	64.86	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	271697	124.64	ng	96
66) n-Nitrosodiphenylamine	10.545	169	1358287	69.49	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	534574	79.29	ng	96
68) Hexachlorobenzene	10.986	284	581675	79.86	ng	95
69) Atrazine	11.075	200	431388	88.62	ng	99
70) Pentachlorophenol	11.175	266	347656	82.84	ng	99
71) Phenanthrene	11.398	178	2206053	67.77	ng	100
72) Anthracene	11.451	178	2161485	64.43	ng	100
73) Carbazole	11.604	167	1977410	64.79	ng	100
74) Di-n-butylphthalate	11.933	149	2455668	75.48	ng	100
75) Fluoranthene	12.586	202	2218160	65.27	ng	99
77) Benzidine	12.698	184	522029	46.58	ng	99
78) Pyrene	12.816	202	2224917	78.39	ng	99
80) Butylbenzylphthalate	13.427	149	1011095	99.09	ng	98
81) Benzo(a)anthracene	13.998	228	1800933	71.67	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	617845	65.98	ng	99
83) Chrysene	14.039	228	1793621	70.87	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	1307749	95.55	ng	100
85) Di-n-octyl phthalate	14.604	149	2152192	92.79	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	1851242	84.44	ng	99
88) Benzo(b)fluoranthene	15.051	252	1760946	74.42	ng	99
89) Benzo(k)fluoranthene	15.080	252	1608765	69.72	ng	99
90) Benzo(a)pyrene	15.415	252	1559563	75.60	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	1470849	80.10	ng	99
92) Benzo(g,h,i)perylene	17.380	276	1516414	84.91	ng	98

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

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