Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122971.D
Acq On : 15 Jan 2021 19:22
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
1/18/2021 3:37:27 PM

Quant Time: Jan 16 00:30:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 00:28:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	253710	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	988866	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	495937	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	824790	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	631267	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	597536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1234606	73.05	ng		0.00
7) Phenol-d6	6.522	99	1683740	73.42	ng		0.00
23) Nitrobenzene-d5	7.463	82	1430629	71.53	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	422493	75.42	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2460550	70.33	ng		0.00
79) Terphenyl-d14	13.016	244	2503190	73.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	301891	38.24	ng	#	84
3) Pyridine	3.451	79	818565	38.13	ng	#	82
4) n-Nitrosodimethylamine	3.404	42	365489	40.73	ng		87
6) Aniline	6.563	93	1006962	36.82	ng		99
8) 2-Chlorophenol	6.681	128	661133	36.34	ng		92
9) Benzaldehyde	6.445	77	450324	37.82	ng		98
10) Phenol	6.534	94	849375	37.41	ng		88
11) bis(2-Chloroethyl)ether	6.634	93	675088	37.07	ng		93
12) 1,3-Dichlorobenzene	6.839	146	759347	36.64	ng		97
13) 1,4-Dichlorobenzene	6.916	146	761026	36.53	ng		98
14) 1,2-Dichlorobenzene	7.069	146	712310	36.21	ng		98
15) Benzyl Alcohol	7.034	79	599755	37.06	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1191248	41.78	ng		92
17) 2-Methylphenol	7.139	107	556202	36.83	ng		99
18) Hexachloroethane	7.416	117	277894	35.70	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	501211	35.82	ng		91
20) 3+4-Methylphenols	7.298	107	703595	36.50	ng	#	83
22) Acetophenone	7.304	105	913529	34.98	ng	#	96
24) Nitrobenzene	7.481	77	734275	36.67	ng		98
25) Isophorone	7.716	82	1263344	35.23	ng		99
26) 2-Nitrophenol	7.792	139	347902	39.38	ng		97
27) 2,4-Dimethylphenol	7.828	122	528248	33.66	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	859022	35.35	ng		100
29) 2,4-Dichlorophenol	8.034	162	555549	34.99	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	580645	31.95	ng		98
31) Naphthalene	8.204	128	1879582	34.93	ng		99
32) Benzoic acid	7.939	122	464672	39.49	ng		97
33) 4-Chloroaniline	8.245	127	812107	34.81	ng	#	95
34) Hexachlorobutadiene	8.322	225	319764	30.21	ng		99
35) Caprolactam	8.622	113	190751	35.80	ng	#	78
36) 4-Chloro-3-methylphenol	8.722	107	587664	36.00	ng		99
37) 2-Methylnaphthalene	8.898	142	1323757	35.79	ng		98
38) 1-Methylnaphthalene	8.992	142	1216596	34.74	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	494822	31.30	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	254006	30.03	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	383617	34.26	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	383209	34.61	ng		96
46) 1,1'-Biphenyl	9.363	154	1457673	36.59	ng		100
47) 2-Chloronaphthalene	9.386	162	1252957	38.72	ng		97
48) 2-Nitroaniline	9.475	65	434970	44.68	ng	#	82
49) Acenaphthylene	9.804	152	1796952	37.55	ng		99
50) Dimethylphthalate	9.663	163	1381899	37.46	ng		100
51) 2,6-Dinitrotoluene	9.716	165	319202	40.46	ng	#	83
52) Acenaphthene	9.975	154	1173630	37.31	ng		100
53) 3-Nitroaniline	9.886	138	391782	42.26	ng		96
54) 2,4-Dinitrophenol	9.986	184	138331	48.39	ng	#	79
55) Dibenzofuran	10.145	168	1624124	36.43	ng		98
56) 4-Nitrophenol	10.033	139	297417	42.36	ng		88
57) 2,4-Dinitrotoluene	10.122	165	406908	40.33	ng		99
58) Fluorene	10.486	166	1264032	34.92	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	305766m	31.77	ng		
60) Diethylphthalate	10.357	149	1368166	37.10	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	563719	32.16	ng		95
62) 4-Nitroaniline	10.498	138	382439	42.02	ng		96
63) Azobenzene	10.639	77	1379565	37.96	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	175579	47.03	ng		79
66) n-Nitrosodiphenylamine	10.598	169	1121371	40.36	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	375902	37.70	ng		92
68) Hexachlorobenzene	11.039	284	419709	39.19	ng		96
69) Atrazine	11.122	200	305736	34.37	ng		96
70) Pentachlorophenol	11.227	266	240806	37.15	ng		99
71) Phenanthrene	11.451	178	1798191	38.48	ng		99
72) Anthracene	11.504	178	1800637	38.86	ng		100
73) Carbazole	11.657	167	1722545	40.08	ng		100
74) Di-n-butylphthalate	11.986	149	2100930	40.91	ng		100
75) Fluoranthene	12.645	202	1841838	37.03	ng		99
77) Benzidine	12.757	184	663412	36.81	ng		99
78) Pyrene	12.874	202	1878819	38.29	ng		99
80) Butylbenzylphthalate	13.492	149	878081	41.08	ng		97
81) Benzo(a)anthracene	14.063	228	1541074	36.38	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	538346	38.23	ng	#	97
83) Chrysene	14.104	228	1568646	38.41	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	1141639	40.67	ng		99
85) Di-n-octyl phthalate	14.668	149	1932811	40.68	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.045	276	1485844	38.48	ng	#	93
88) Benzo(b)fluoranthene	15.121	252	1537628	36.61	ng		98
89) Benzo(k)fluoranthene	15.151	252	1558820	40.30	ng		98
90) Benzo(a)pyrene	15.492	252	1425749	38.63	ng	#	98
91) Dibenzo(a,h)anthracene	17.062	278	1236265	39.03	ng	#	95
92) Benzo(g,h,i)perylene	17.492	276	1142412	37.88	ng	#	94

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

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