Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
Data File : BF123198.D
Acq On : 12 Feb 2021 15:22
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
2/15/2021 11:25:56 AM

Quant Time: Feb 12 15:44:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 14:20:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	164203	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	603037	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	293529	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	551997	20.00	ng		0.00
76) Chrysene-d12	14.063	240	440447	20.00	ng		0.00
86) Perylene-d12	15.533	264	386001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1426259	133.99	ng		0.00
7) Phenol-d6	6.510	99	1873777	129.86	ng		0.01
23) Nitrobenzene-d5	7.445	82	1602886	133.77	ng		0.01
42) 2,4,6-Tribromophenol	10.716	330	463401	145.43	ng		0.01
45) 2-Fluorobiphenyl	9.239	172	2537414	128.50	ng		0.00
79) Terphenyl-d14	13.004	244	2923002	130.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	341202	64.42	ng		98
3) Pyridine	3.381	79	898353	63.43	ng		96
4) n-Nitrosodimethylamine	3.352	42	393974	66.10	ng		95
6) Aniline	6.540	93	1139974	64.19	ng		98
8) 2-Chlorophenol	6.663	128	798642	69.21	ng		98
10) Phenol	6.522	94	1000885	69.94	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	726705	61.02	ng		97
12) 1,3-Dichlorobenzene	6.816	146	832684	61.88	ng		96
13) 1,4-Dichlorobenzene	6.892	146	831904	59.36	ng		97
14) 1,2-Dichlorobenzene	7.045	146	769362	58.68	ng		96
15) Benzyl Alcohol	7.016	79	701925	69.39	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	918322	50.01	ng		99
17) 2-Methylphenol	7.128	107	653517	66.56	ng		98
18) Hexachloroethane	7.387	117	305538	62.24	ng		90
19) n-Nitroso-di-n-propyla...	7.298	70	541878	62.45	ng		99
20) 3+4-Methylphenols	7.287	107	775011	67.02	ng		95
22) Acetophenone	7.287	105	966221	61.49	ng	#	92
24) Nitrobenzene	7.463	77	839257	67.98	ng		99
25) Isophorone	7.704	82	1515448	69.05	ng		98
26) 2-Nitrophenol	7.775	139	440462	86.28	ng		97
27) 2,4-Dimethylphenol	7.810	122	657031	71.32	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	804687	53.74	ng		98
29) 2,4-Dichlorophenol	8.016	162	624784	64.86	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	659260	60.75	ng		98
31) Naphthalene	8.181	128	2167333	65.52	ng		99
32) Benzoic acid	7.957	122	578556	85.62	ng		99
33) 4-Chloroaniline	8.228	127	961032	65.47	ng		97
34) Hexachlorobutadiene	8.298	225	360975	57.58	ng		99
35) Caprolactam	8.622	113	226425m	69.55	ng		
36) 4-Chloro-3-methylphenol	8.716	107	725545	72.43	ng		98
37) 2-Methylnaphthalene	8.875	142	1435777	65.38	ng		99
38) 1-Methylnaphthalene	8.975	142	1353508	65.10	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	561365	61.48	ng		98
41) Hexachlorocyclopentadiene	9.028	237	299880	69.18	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	443754	70.89	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	479759	73.29	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	1586523	65.89	ng		99
47) 2-Chloronaphthalene	9.369	162	1295906	64.30	ng		97
48) 2-Nitroaniline	9.457	65	464831	76.09	ng		87
49) Acenaphthylene	9.781	152	2069448	70.15	ng		100
50) Dimethylphthalate	9.645	163	1503464	65.29	ng		99
51) 2,6-Dinitrotoluene	9.704	165	368612	75.14	ng	#	86
52) Acenaphthene	9.957	154	1373650	72.50	ng		98
53) 3-Nitroaniline	9.875	138	439985	75.85	ng		91
54) 2,4-Dinitrophenol	9.980	184	224945	121.62	ng		92
55) Dibenzofuran	10.128	168	1801793	65.35	ng		94
56) 4-Nitrophenol	10.033	139	374952	89.42	ng		90
57) 2,4-Dinitrotoluene	10.110	165	495737	77.70	ng		95
58) Fluorene	10.469	166	1394706	63.32	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	383663	69.11	ng	#	86
60) Diethylphthalate	10.345	149	1489183	65.76	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	623667	60.26	ng		97
62) 4-Nitroaniline	10.498	138	440431	75.57	ng		98
63) Azobenzene	10.622	77	1495950	67.51	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	291492	105.09	ng		85
66) n-Nitrosodiphenylamine	10.580	169	1269771	63.82	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	412074	58.62	ng		96
68) Hexachlorobenzene	11.022	284	452241	59.98	ng		96
69) Atrazine	11.110	200	371381	67.59	ng		97
70) Pentachlorophenol	11.210	266	306322	74.96	ng		99
71) Phenanthrene	11.433	178	2136734	62.33	ng		100
72) Anthracene	11.486	178	2159667	65.67	ng		100
73) Carbazole	11.639	167	2077589	68.07	ng		98
74) Di-n-butylphthalate	11.969	149	2223368	61.44	ng		99
75) Fluoranthene	12.627	202	2211462	64.54	ng		99
78) Pyrene	12.857	202	2281288	68.61	ng		99
80) Butylbenzylphthalate	13.474	149	1019438	71.25	ng		99
81) Benzo(a)anthracene	14.051	228	2068480	69.39	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	700407	74.66	ng	#	97
83) Chrysene	14.092	228	2002749	67.13	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1308010	68.80	ng		99
85) Di-n-octyl phthalate	14.651	149	2246445	70.36	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	1766790	68.74	ng	#	94
88) Benzo(b)fluoranthene	15.110	252	2007932	72.07	ng		98
89) Benzo(k)fluoranthene	15.139	252	1823420	70.43	ng		98
90) Benzo(a)pyrene	15.480	252	1743159	71.24	ng		98
91) Dibenzo(a,h)anthracene	17.057	278	1497127	70.76	ng		98
92) Benzo(g,h,i)perylene	17.492	276	1455971	71.01	ng		95

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

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