Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
Data File : BF123932.D
Acq On : 14 May 2021 18:50
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF051421

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:29 AM

Quant Time: May 14 19:11:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	35339	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	125862	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	66586	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	112802	20.00	ng		0.00
76) Chrysene-d12	14.068	240	84234	20.00	ng		0.00
86) Perylene-d12	15.551	264	76548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	192112	76.33	ng		0.00
7) Phenol-d6	6.522	99	246375	75.46	ng		0.00
23) Nitrobenzene-d5	7.463	82	231500	79.25	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	63810	79.79	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	411322	76.02	ng		0.00
79) Terphenyl-d14	13.016	244	415934	74.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	41119	37.20	ng		94
3) Pyridine	3.440	79	109178	38.27	ng		98
4) n-Nitrosodimethylamine	3.393	42	69330	37.41	ng	#	76
6) Aniline	6.563	93	136885	36.93	ng		91
8) 2-Chlorophenol	6.687	128	101294	38.67	ng		97
9) Benzaldehyde	6.451	77	58208	41.20	ng		89
10) Phenol	6.534	94	126403	38.30	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	94201	36.73	ng		97
12) 1,3-Dichlorobenzene	6.845	146	113412	37.17	ng		93
13) 1,4-Dichlorobenzene	6.922	146	119590	38.31	ng		95
14) 1,2-Dichlorobenzene	7.075	146	113021	38.74	ng		95
15) Benzyl Alcohol	7.039	79	107152	38.00	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	194159	37.60	ng		98
17) 2-Methylphenol	7.139	107	84395	39.73	ng		92
18) Hexachloroethane	7.422	117	44311	38.30	ng	#	85
19) n-Nitroso-di-n-propyla...	7.310	70	84964	38.51	ng		97
20) 3+4-Methylphenols	7.298	107	106868	38.20	ng	#	80
22) Acetophenone	7.310	105	132293	37.02	ng	#	97
24) Nitrobenzene	7.481	77	123017	41.19	ng		93
25) Isophorone	7.722	82	215825	38.41	ng		97
26) 2-Nitrophenol	7.798	139	50045	44.54	ng		92
27) 2,4-Dimethylphenol	7.828	122	85138	39.57	ng		95
28) bis(2-Chloroethoxy)met...	7.934	93	107284	37.97	ng		97
29) 2,4-Dichlorophenol	8.034	162	84464	38.79	ng		95
30) 1,2,4-Trichlorobenzene	8.128	180	94354	38.54	ng		97
31) Naphthalene	8.210	128	285345	38.31	ng		97
32) Benzoic acid	7.928	122	52836	44.75	ng		98
33) 4-Chloroaniline	8.251	127	104071	36.70	ng		98
34) Hexachlorobutadiene	8.328	225	61356	38.28	ng		98
35) Caprolactam	8.610	113	21980	37.07	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	88396	37.12	ng		92
37) 2-Methylnaphthalene	8.898	142	193276	38.28	ng		99
38) 1-Methylnaphthalene	8.998	142	175558	37.26	ng		94
40) 1,2,4,5-Tetrachloroben...	9.063	216	90686	37.76	ng		98
41) Hexachlorocyclopentadiene	9.057	237	58686	38.42	ng		94
43) 2,4,6-Trichlorophenol	9.169	196	59926	38.46	ng		100

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44) 2,4,5-Trichlorophenol	9.204	196	62093	38.36	ng		94
46) 1,1'-Biphenyl	9.363	154	223496	38.11	ng		98
47) 2-Chloronaphthalene	9.386	162	180116	38.67	ng		97
48) 2-Nitroaniline	9.475	65	61069	38.82	ng		92
49) Acenaphthylene	9.804	152	262470	38.14	ng		99
50) Dimethylphthalate	9.657	163	201607	37.92	ng		99
51) 2,6-Dinitrotoluene	9.716	165	44278	41.18	ng		93
52) Acenaphthene	9.975	154	179281	38.05	ng		95
53) 3-Nitroaniline	9.886	138	42263	39.55	ng		99
54) 2,4-Dinitrophenol	9.986	184	20005	38.74	ng	#	56
55) Dibenzofuran	10.145	168	254681	37.64	ng		99
56) 4-Nitrophenol	10.027	139	34578	39.12	ng		92
57) 2,4-Dinitrotoluene	10.122	165	53343	40.45	ng	#	98
58) Fluorene	10.492	166	190799	37.42	ng		89
59) 2,3,4,6-Tetrachlorophenol	10.257	232	52425	39.38	ng	#	93
60) Diethylphthalate	10.363	149	196412	37.30	ng		95
61) 4-Chlorophenyl-phenyle...	10.480	204	96924	37.93	ng		98
62) 4-Nitroaniline	10.498	138	41865	39.39	ng		90
63) Azobenzene	10.645	77	220993	37.74	ng		93
65) 4,6-Dinitro-2-methylph...	10.527	198	28023	39.63	ng		82
66) n-Nitrosodiphenylamine	10.598	169	170721	39.61	ng		94
67) 4-Bromophenyl-phenylether	10.974	248	56124	37.86	ng		97
68) Hexachlorobenzene	11.039	284	65770	39.74	ng		94
69) Atrazine	11.122	200	49666	40.80	ng		92
70) Pentachlorophenol	11.222	266	41239	42.03	ng		93
71) Phenanthrene	11.451	178	265549	37.14	ng		98
72) Anthracene	11.504	178	271940	37.54	ng		98
73) Carbazole	11.651	167	234256	36.96	ng		98
74) Di-n-butylphthalate	11.986	149	303771	38.30	ng		99
75) Fluoranthene	12.639	202	274850	37.13	ng		98
77) Benzidine	12.757	184	85682m	42.16	ng		
78) Pyrene	12.868	202	274739	36.74	ng		98
80) Butylbenzylphthalate	13.486	149	117390	40.03	ng		96
81) Benzo(a)anthracene	14.057	228	229332	37.65	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	71589	37.83	ng	#	98
83) Chrysene	14.092	228	221257	37.76	ng		96
84) Bis(2-ethylhexyl)phtha...	14.051	149	163179	39.43	ng		97
85) Di-n-octyl phthalate	14.668	149	259590	41.50	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	241321	40.82	ng	#	94
88) Benzo(b)fluoranthene	15.121	252	221935	37.48	ng		98
89) Benzo(k)fluoranthene	15.151	252	207394	38.43	ng		98
90) Benzo(a)pyrene	15.492	252	200148	39.10	ng		96
91) Dibenzo(a,h)anthracene	17.074	278	202866	40.75	ng		99
92) Benzo(g,h,i)perylene	17.509	276	200235	40.11	ng		97

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

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