Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122975.D
Acq On : 15 Jan 2021 21:26
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF011621

Manual Integrations APPROVED
mohammad
1/18/2021 3:37:38 PM

Quant Time: Jan 18 13:17:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	272450	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1066397	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	520672	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	863362	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	679410	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	649683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1320818	73.28	ng		0.00
7) Phenol-d6	6.522	99	1761614	72.72	ng		0.00
23) Nitrobenzene-d5	7.463	82	1534468	74.05	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	447302	75.97	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2576751	69.30	ng		0.00
79) Terphenyl-d14	13.016	244	2631318	71.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	323912	37.00	ng	#	85
3) Pyridine	3.451	79	885939	37.39	ng	#	82
4) n-Nitrosodimethylamine	3.404	42	389778	36.85	ng		87
6) Aniline	6.563	93	1082648	37.05	ng		99
8) 2-Chlorophenol	6.681	128	709878	37.30	ng		91
9) Benzaldehyde	6.445	77	482112	40.25	ng		95
10) Phenol	6.534	94	892687	36.69	ng		89
11) bis(2-Chloroethyl)ether	6.634	93	709759	36.03	ng		91
12) 1,3-Dichlorobenzene	6.839	146	800709	36.35	ng		96
13) 1,4-Dichlorobenzene	6.916	146	808115	36.43	ng		97
14) 1,2-Dichlorobenzene	7.069	146	752159	36.35	ng		97
15) Benzyl Alcohol	7.034	79	652148	38.19	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1250780	36.43	ng		92
17) 2-Methylphenol	7.139	107	598908	37.09	ng		98
18) Hexachloroethane	7.416	117	298682	37.25	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	525799	36.64	ng		95
20) 3+4-Methylphenols	7.298	107	749768	37.12	ng	#	83
22) Acetophenone	7.310	105	969382	36.15	ng		98
24) Nitrobenzene	7.481	77	776042	36.54	ng		98
25) Isophorone	7.722	82	1330511	35.99	ng		99
26) 2-Nitrophenol	7.792	139	369188	38.48	ng		95
27) 2,4-Dimethylphenol	7.828	122	562905	36.84	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	908707	36.35	ng		99
29) 2,4-Dichlorophenol	8.033	162	592665	37.16	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	617983	36.37	ng		98
31) Naphthalene	8.204	128	1983589	36.18	ng		99
32) Benzoic acid	7.945	122	504023	39.27	ng		99
33) 4-Chloroaniline	8.245	127	858191	35.88	ng	#	95
34) Hexachlorobutadiene	8.322	225	339816	36.59	ng		100
35) Caprolactam	8.622	113	199728	36.84	ng	#	76
36) 4-Chloro-3-methylphenol	8.722	107	625021	36.84	ng		98
37) 2-Methylnaphthalene	8.892	142	1360023	35.96	ng		99
38) 1-Methylnaphthalene	8.992	142	1273103	35.64	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	524734	36.71	ng	#	98
41) Hexachlorocyclopentadiene	9.051	237	265760	38.27	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	410881	38.56	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	405873	37.54	ng		94
46)	1,1'-Biphenyl	9.357	154	1548704	36.57	ng		98
47)	2-Chloronaphthalene	9.386	162	1299197	36.77	ng		98
48)	2-Nitroaniline	9.475	65	460221	38.22	ng		84
49)	Acenaphthylene	9.804	152	1915334	37.16	ng		100
50)	Dimethylphthalate	9.663	163	1472498	36.44	ng		100
51)	2,6-Dinitrotoluene	9.716	165	329704	37.30	ng	#	81
52)	Acenaphthene	9.975	154	1233249	37.02	ng		100
53)	3-Nitroaniline	9.886	138	417938	38.25	ng		94
54)	2,4-Dinitrophenol	9.986	184	151597	39.88	ng	#	80
55)	Dibenzofuran	10.145	168	1680849	36.19	ng		98
56)	4-Nitrophenol	10.033	139	319647	39.69	ng		90
57)	2,4-Dinitrotoluene	10.122	165	441481	38.83	ng		98
58)	Fluorene	10.492	166	1299843	35.78	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.257	232	332197m	38.50	ng		
60)	Diethylphthalate	10.357	149	1443143	36.74	ng		97
61)	4-Chlorophenyl-phenyle...	10.480	204	586589	35.91	ng		94
62)	4-Nitroaniline	10.504	138	406394	37.70	ng		92
63)	Azobenzene	10.639	77	1448944	36.87	ng		95
65)	4,6-Dinitro-2-methylph...	10.527	198	190447	39.17	ng		79
66)	n-Nitrosodiphenylamine	10.598	169	1177375	36.53	ng		100
67)	4-Bromophenyl-phenylether	10.969	248	394812	37.40	ng		94
68)	Hexachlorobenzene	11.039	284	440644	36.51	ng		97
69)	Atrazine	11.122	200	318798	37.15	ng		94
70)	Pentachlorophenol	11.227	266	254467	40.08	ng		99
71)	Phenanthrene	11.451	178	1888185	36.49	ng		100
72)	Anthracene	11.504	178	1875282	36.67	ng		100
73)	Carbazole	11.657	167	1808125	36.48	ng		99
74)	Di-n-butylphthalate	11.992	149	2169041	36.98	ng		99
75)	Fluoranthene	12.645	202	1932697	36.92	ng		99
77)	Benzidine	12.757	184	665151	36.97	ng		99
78)	Pyrene	12.874	202	1975808	36.32	ng		100
80)	Butylbenzylphthalate	13.492	149	934304	38.32	ng		97
81)	Benzo(a)anthracene	14.063	228	1693850	37.25	ng		99
82)	3,3'-Dichlorobenzidine	14.021	252	580417	38.99	ng	#	98
83)	Chrysene	14.104	228	1687246	36.79	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.051	149	1229585	37.83	ng		99
85)	Di-n-octyl phthalate	14.668	149	2115589	40.24	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	17.045	276	1648308	40.27	ng	#	94
88)	Benzo(b)fluoranthene	15.121	252	1698844	38.75	ng		98
89)	Benzo(k)fluoranthene	15.151	252	1647520	36.65	ng		98
90)	Benzo(a)pyrene	15.492	252	1538563	38.84	ng		98
91)	Dibenzo(a,h)anthracene	17.062	278	1342798	40.04	ng	#	96
92)	Benzo(g,h,i)perylene	17.498	276	1282167	39.50	ng		96

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

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