Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123562.D
Acq On : 15 Apr 2021 11:17
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Apr 15 13:29:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 13:22:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	211994	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	839615	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	436067	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	848845	20.00	ng		0.00
76) Chrysene-d12	14.057	240	1163344	20.00	ng	#	0.00
86) Perylene-d12	15.545	264	700286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	139684	11.25	ng		0.00
7) Phenol-d6	6.481	99	195509	11.55	ng		-0.02
23) Nitrobenzene-d5	7.422	82	176065	10.47	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	41498	9.75	ng		-0.01
45) 2-Fluorobiphenyl	9.233	172	320503	11.95	ng		0.00
79) Terphenyl-d14	12.992	244	700211	10.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	36475	3.61	ng		97
3) Pyridine	3.381	79	86151	2.96	ng		96
4) n-Nitrosodimethylamine	3.304	42	50835	4.52	ng	#	100
6) Aniline	6.522	93	113389	5.37	ng		99
8) 2-Chlorophenol	6.651	128	74017	5.56	ng		96
9) Benzaldehyde	6.410	77	68613	6.39	ng		90
10) Phenol	6.498	94	100313	5.58	ng		90
11) bis(2-Chloroethyl)ether	6.598	93	77942	5.45	ng		92
12) 1,3-Dichlorobenzene	6.810	146	80498	5.58	ng		96
13) 1,4-Dichlorobenzene	6.886	146	81536	5.59	ng		98
14) 1,2-Dichlorobenzene	7.039	146	77054	5.65	ng		95
15) Benzyl Alcohol	7.004	79	68196	5.23	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	176802	6.52	ng		100
17) 2-Methylphenol	7.110	107	62912	5.57	ng		92
18) Hexachloroethane	7.386	117	29397	5.08	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	64853	5.76	ng		96
20) 3+4-Methylphenols	7.263	107	83317	6.03	ng	#	87
22) Acetophenone	7.269	105	119367	5.49	ng	#	98
24) Nitrobenzene	7.445	77	93956	5.17	ng		96
25) Isophorone	7.686	82	176286	5.21	ng		99
26) 2-Nitrophenol	7.763	139	22541	2.95	ng	#	87
27) 2,4-Dimethylphenol	7.798	122	60297	5.06	ng		90
28) bis(2-Chloroethoxy)met...	7.898	93	89505	4.94	ng		100
29) 2,4-Dichlorophenol	8.004	162	55496	4.39	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	65171	4.53	ng		99
31) Naphthalene	8.175	128	227495	5.46	ng		99
33) 4-Chloroaniline	8.216	127	91274	5.27	ng		97
34) Hexachlorobutadiene	8.298	225	40470	4.42	ng		98
35) Caprolactam	8.545	113	16650	4.09	ng	#	84
36) 4-Chloro-3-methylphenol	8.698	107	72558	5.24	ng		94
37) 2-Methylnaphthalene	8.869	142	146104	5.08	ng		100
38) 1-Methylnaphthalene	8.969	142	141189	5.22	ng		96
40) 1,2,4,5-Tetrachloroben...	9.033	216	62448	5.00	ng		98
41) Hexachlorocyclopentadiene	9.027	237	22657	3.61	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	34344	3.99	ng		94
44) 2,4,5-Trichlorophenol	9.180	196	40901	4.41	ng		92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.333	154	180011	6.04	ng		98
47)	2-Chloronaphthalene	9.357	162	134922	5.59	ng		97
48)	2-Nitroaniline	9.445	65	44074	5.19	ng		92
49)	Acenaphthylene	9.774	152	219886	6.03	ng		98
50)	Dimethylphthalate	9.627	163	156117	5.35	ng		97
51)	2,6-Dinitrotoluene	9.686	165	29517	4.49	ng		91
52)	Acenaphthene	9.945	154	136970	5.84	ng		99
53)	3-Nitroaniline	9.857	138	36922	5.49	ng		81
55)	Dibenzofuran	10.116	168	207583	6.06	ng		99
56)	4-Nitrophenol	10.010	139	23078	4.61	ng		91
57)	2,4-Dinitrotoluene	10.092	165	36938	4.34	ng	#	90
58)	Fluorene	10.463	166	164057	6.26	ng		92
59)	2,3,4,6-Tetrachlorophenol	10.233	232	31010	4.32	ng	#	98
60)	Diethylphthalate	10.333	149	167589	5.80	ng		98
61)	4-Chlorophenyl-phenyle...	10.457	204	74598	5.43	ng		90
62)	4-Nitroaniline	10.463	138	35854	5.69	ng		97
63)	Azobenzene	10.616	77	190803	6.08	ng		99
66)	n-Nitrosodiphenylamine	10.569	169	138178	5.67	ng		98
67)	4-Bromophenyl-phenylether	10.945	248	41988	4.83	ng		97
68)	Hexachlorobenzene	11.016	284	49505	5.23	ng	#	92
69)	Atrazine	11.092	200	42131	5.10	ng		96
70)	Pentachlorophenol	11.204	266	16410	3.30	ng		97
71)	Phenanthrene	11.427	178	236534	5.68	ng		97
72)	Anthracene	11.480	178	235253	5.65	ng		98
73)	Carbazole	11.627	167	231652	5.84	ng		98
74)	Di-n-butylphthalate	11.968	149	261241	4.93	ng		96
75)	Fluoranthene	12.621	202	261290	5.87	ng		97
77)	Benzidine	12.739	184	146089	4.66	ng		98
78)	Pyrene	12.851	202	468441	5.06	ng		95
80)	Butylbenzylphthalate	13.474	149	167748	3.98	ng		94
81)	Benzo(a)anthracene	14.045	228	366357	5.04	ng		98
82)	3,3'-Dichlorobenzidine	14.004	252	118497	5.11	ng	#	97
83)	Chrysene	14.080	228	371799	5.11	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	229020	4.12	ng	#	98
85)	Di-n-octyl phthalate	14.656	149	363032	4.49	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.027	276	207590	4.20	ng		97
88)	Benzo(b)fluoranthene	15.104	252	352041	7.45	ng	#	97
89)	Benzo(k)fluoranthene	15.133	252	359854	7.70	ng	#	97
90)	Benzo(a)pyrene	15.474	252	187843	4.52	ng		97
91)	Dibenzo(a,h)anthracene	17.050	278	174598	4.12	ng		95
92)	Benzo(g,h,i)perylene	17.474	276	175392	4.47	ng		96

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

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