Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124932.D
Acq On : 4 Aug 2021 11:34
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:04 PM

Quant Time: Aug 04 14:25:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 14:23:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	7064	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	27855	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	15390	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	26632	20.000	ng		0.00
76) Chrysene-d12	13.998	240	21636	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	18293	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	9803	23.497	ng		0.00
7) Phenol-d6	6.457	99	11525	22.035	ng		-0.01
23) Nitrobenzene-d5	7.398	82	10972	23.444	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	2740	20.736	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	20783	19.834	ng		0.00
79) Terphenyl-d14	12.939	244	24732	19.594	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	1700	11.657	ng	#	100
3) Pyridine	3.369	79	3563	10.321	ng		93
4) n-Nitrosodimethylamine	3.293	42	2708	9.919	ng		96
6) Aniline	6.498	93	6109	11.365	ng	#	88
8) 2-Chlorophenol	6.616	128	5177	11.002	ng		93
9) Benzaldehyde	6.387	77	3351	11.900	ng		89
10) Phenol	6.469	94	6213m	12.404	ng		
11) bis(2-Chloroethyl)ether	6.569	93	4534	11.417	ng		92
12) 1,3-Dichlorobenzene	6.775	146	5739	11.221	ng		97
13) 1,4-Dichlorobenzene	6.851	146	5737	11.213	ng		97
14) 1,2-Dichlorobenzene	7.004	146	4925	9.962	ng		91
15) Benzyl Alcohol	6.975	79	4052	11.781	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	7483	11.195	ng		95
17) 2-Methylphenol	7.081	107	3787	11.047	ng	#	93
18) Hexachloroethane	7.345	117	2167	11.174	ng		98
19) n-Nitroso-di-n-propyla...	7.240	70	3461	12.392	ng	#	84
20) 3+4-Methylphenols	7.234	107	5282	11.662	ng		90
22) Acetophenone	7.245	105	6867	10.638	ng	#	97
24) Nitrobenzene	7.416	77	4908	10.697	ng		96
25) Isophorone	7.651	82	9389	11.346	ng	#	88
26) 2-Nitrophenol	7.734	139	2430	9.562	ng	#	76
27) 2,4-Dimethylphenol	7.769	122	3731	9.541	ng		86
28) bis(2-Chloroethoxy)met...	7.863	93	5250	10.917	ng		99
29) 2,4-Dichlorophenol	7.975	162	3994	9.644	ng		89
30) 1,2,4-Trichlorobenzene	8.057	180	4565	10.057	ng		92
31) Naphthalene	8.140	128	14553	10.011	ng	#	96
32) Benzoic acid	7.857	122	1029	3.400	ng		90
33) 4-Chloroaniline	8.187	127	5739	10.499	ng	#	93
34) Hexachlorobutadiene	8.257	225	2666	9.826	ng		87
35) Caprolactam	8.528	113	1138	10.572	ng	#	76
36) 4-Chloro-3-methylphenol	8.663	107	4511	11.419	ng		91
37) 2-Methylnaphthalene	8.828	142	10036	10.333	ng		93
38) 1-Methylnaphthalene	8.928	142	9546	10.374	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	4388	10.219	ng		97
41) Hexachlorocyclopentadiene	8.981	237	720	2.834	ng		95
43) 2,4,6-Trichlorophenol	9.110	196	3043	9.983	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.145	196	2923	9.339	ng		89
46)	1,1'-Biphenyl	9.292	154	11753	10.231	ng		96
47)	2-Chloronaphthalene	9.316	162	9439	10.379	ng		97
48)	2-Nitroaniline	9.416	65	2746	11.532	ng		90
49)	Acenaphthylene	9.734	152	14725	10.500	ng		98
50)	Dimethylphthalate	9.592	163	10584	9.988	ng	#	95
51)	2,6-Dinitrotoluene	9.651	165	2362	10.089	ng		88
52)	Acenaphthene	9.904	154	8771	9.434	ng		95
53)	3-Nitroaniline	9.822	138	2453	9.959	ng	#	86
54)	2,4-Dinitrophenol	9.934	184	634	4.683	ng	#	80
55)	Dibenzofuran	10.075	168	13484	10.150	ng		98
56)	4-Nitrophenol	9.981	139	1483	7.625	ng		89
57)	2,4-Dinitrotoluene	10.057	165	3136	9.871	ng		93
58)	Fluorene	10.422	166	10132	9.942	ng		96
59)	2,3,4,6-Tetrachlorophenol	10.192	232	2114	8.552	ng	#	98
60)	Diethylphthalate	10.292	149	11360	10.309	ng		99
61)	4-Chlorophenyl-phenyle...	10.416	204	4970	10.088	ng		87
62)	4-Nitroaniline	10.433	138	2395	9.827	ng		88
63)	Azobenzene	10.569	77	10842	11.121	ng		91
65)	4,6-Dinitro-2-methylph...	10.463	198	1546	8.964	ng		95
66)	n-Nitrosodiphenylamine	10.528	169	8958	10.380	ng		93
67)	4-Bromophenyl-phenylether	10.904	248	3011	10.660	ng		94
68)	Hexachlorobenzene	10.969	284	3197	10.899	ng		91
69)	Atrazine	11.051	200	2717	10.355	ng		95
70)	Pentachlorophenol	11.163	266	920	5.044	ng	#	69
71)	Phenanthrene	11.380	178	15383	10.739	ng		96
72)	Anthracene	11.433	178	15347	10.717	ng		98
73)	Carbazole	11.586	167	14083	10.492	ng		95
74)	Di-n-butylphthalate	11.916	149	17532	9.806	ng		99
75)	Fluoranthene	12.569	202	16024	10.963	ng		98
77)	Benzidine	12.692	184	7178	11.765	ng		96
78)	Pyrene	12.798	202	16542	9.658	ng		97
80)	Butylbenzylphthalate	13.416	149	7270	8.862	ng		92
81)	Benzo(a)anthracene	13.986	228	13692	9.681	ng		97
82)	3,3'-Dichlorobenzidine	13.945	252	3812	9.712	ng	#	93
83)	Chrysene	14.021	228	13682	10.042	ng		95
84)	Bis(2-ethylhexyl)phtha...	13.974	149	9716	8.040	ng		99
85)	Di-n-octyl phthalate	14.580	149	15945	8.131	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	16.915	276	10776	10.204	ng		92
88)	Benzo(b)fluoranthene	15.033	252	13281m	10.312	ng		
89)	Benzo(k)fluoranthene	15.057	252	11899m	10.111	ng		
90)	Benzo(a)pyrene	15.392	252	11538	10.724	ng		95
91)	Dibenzo(a,h)anthracene	16.927	278	9630	10.416	ng	#	92
92)	Benzo(g,h,i)perylene	17.351	276	8932	10.188	ng	#	87

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

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