Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124933.D
Acq On : 4 Aug 2021 12:07
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:07 PM

Quant Time: Aug 04 14:25:48 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	6.833	152	7225	20.000	ng	# 0.00
21) Naphthalene-d8	8.122	136	28122	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	14959	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	27034	20.000	ng	0.00
76) Chrysene-d12	13.998	240	20620	20.000	ng	0.00
86) Perylene-d12	15.456	264	16877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	19301	45.231	ng	0.00
7) Phenol-d6	6.463	99	23843	44.570	ng	0.00
23) Nitrobenzene-d5	7.398	82	21719	45.966	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	5835	45.431	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	43939	43.141	ng	0.00
79) Terphenyl-d14	12.945	244	50215	41.744	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	3465	23.230	ng	# 100
3) Pyridine	3.363	79	8682	24.588	ng	94
4) n-Nitrosodimethylamine	3.304	42	5887	21.082	ng	94
6) Aniline	6.498	93	12681	23.066	ng	# 93
8) 2-Chlorophenol	6.622	128	10271	21.340	ng	92
9) Benzaldehyde	6.386	77	6852	23.790	ng	93
10) Phenol	6.475	94	12609	24.613	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	9503	23.396	ng	97
12) 1,3-Dichlorobenzene	6.775	146	10784	20.616	ng	98
13) 1,4-Dichlorobenzene	6.851	146	11399m	21.782	ng	
14) 1,2-Dichlorobenzene	7.004	146	10846	21.451	ng	96
15) Benzyl Alcohol	6.975	79	8316	23.639	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	14903	21.799	ng	99
17) 2-Methylphenol	7.086	107	7947	22.665	ng	98
18) Hexachloroethane	7.351	117	4549	22.934	ng	# 87
19) n-Nitroso-di-n-propyla...	7.245	70	7308	25.583	ng	# 90
20) 3+4-Methylphenols	7.239	107	10403	22.456	ng	# 85
22) Acetophenone	7.245	105	14194	21.780	ng	# 91
24) Nitrobenzene	7.416	77	10491	22.647	ng	93
25) Isophorone	7.657	82	18993	22.733	ng	# 92
26) 2-Nitrophenol	7.733	139	5413	21.097	ng	# 88
27) 2,4-Dimethylphenol	7.769	122	7791	19.734	ng	90
28) bis(2-Chloroethoxy)met...	7.869	93	10693	22.024	ng	95
29) 2,4-Dichlorophenol	7.975	162	8651	20.690	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	9761	21.300	ng	96
31) Naphthalene	8.139	128	30042	20.470	ng	97
32) Benzoic acid	7.875	122	3278	10.727	ng	# 89
33) 4-Chloroaniline	8.192	127	10965	19.869	ng	# 95
34) Hexachlorobutadiene	8.257	225	5991	21.870	ng	97
35) Caprolactam	8.551	113	2060	18.956	ng	91
36) 4-Chloro-3-methylphenol	8.669	107	9005	22.579	ng	94
37) 2-Methylnaphthalene	8.833	142	19916	20.310	ng	99
38) 1-Methylnaphthalene	8.933	142	18468	19.880	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	9037	21.652	ng	98
41) Hexachlorocyclopentadiene	8.980	237	2373	9.610	ng	92
43) 2,4,6-Trichlorophenol	9.110	196	5981	20.186	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.145	196	6549	21.527	ng		93
46)	1,1'-Biphenyl	9.292	154	23594	21.130	ng		95
47)	2-Chloronaphthalene	9.322	162	18477	20.903	ng		93
48)	2-Nitroaniline	9.416	65	5546	23.961	ng		95
49)	Acenaphthylene	9.739	152	29206	21.425	ng		100
50)	Dimethylphthalate	9.592	163	21873	21.235	ng	#	95
51)	2,6-Dinitrotoluene	9.657	165	4996	21.955	ng		90
52)	Acenaphthene	9.910	154	17692	19.578	ng		95
53)	3-Nitroaniline	9.827	138	5132	21.437	ng		84
54)	2,4-Dinitrophenol	9.933	184	1813	13.778	ng		94
55)	Dibenzofuran	10.080	168	27397	21.217	ng		99
56)	4-Nitrophenol	9.980	139	3314	17.530	ng	#	76
57)	2,4-Dinitrotoluene	10.063	165	6746	21.846	ng	#	83
58)	Fluorene	10.421	166	21389	21.592	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.198	232	4709	19.599	ng	#	93
60)	Diethylphthalate	10.292	149	22085	20.619	ng		97
61)	4-Chlorophenyl-phenyle...	10.416	204	9413	19.657	ng		92
62)	4-Nitroaniline	10.439	138	5011	21.154	ng		88
63)	Azobenzene	10.574	77	21903	23.114	ng		95
65)	4,6-Dinitro-2-methylph...	10.469	198	3345	19.106	ng		97
66)	n-Nitrosodiphenylamine	10.533	169	17917	20.452	ng		96
67)	4-Bromophenyl-phenylether	10.904	248	6359	22.179	ng		89
68)	Hexachlorobenzene	10.969	284	6742	22.642	ng		93
69)	Atrazine	11.057	200	5559	20.871	ng		92
70)	Pentachlorophenol	11.163	266	2801	15.127	ng		92
71)	Phenanthrene	11.386	178	30221	20.785	ng		96
72)	Anthracene	11.439	178	30889	21.250	ng		99
73)	Carbazole	11.592	167	27851	20.440	ng		98
74)	Di-n-butylphthalate	11.921	149	35918	19.791	ng		99
75)	Fluoranthene	12.574	202	31896	21.497	ng		99
77)	Benzidine	12.692	184	10767	18.517	ng		97
78)	Pyrene	12.804	202	31964	19.581	ng		98
80)	Butylbenzylphthalate	13.415	149	14790	18.916	ng		98
81)	Benzo(a)anthracene	13.986	228	27618	20.490	ng		98
82)	3,3'-Dichlorobenzidine	13.951	252	8222	21.980	ng		97
83)	Chrysene	14.027	228	26393	20.325	ng		97
84)	Bis(2-ethylhexyl)phtha...	13.974	149	21124	18.342	ng	#	99
85)	Di-n-octyl phthalate	14.586	149	32813	17.558	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.915	276	19603	20.119	ng		94
88)	Benzo(b)fluoranthene	15.033	252	23538m	19.809	ng		
89)	Benzo(k)fluoranthene	15.062	252	23115	21.290	ng		99
90)	Benzo(a)pyrene	15.398	252	20991	21.147	ng		95
91)	Dibenzo(a,h)anthracene	16.933	278	17334	20.322	ng	#	92
92)	Benzo(g,h,i)perylene	17.356	276	15756	19.479	ng		94

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

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