Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126198.D
Acq On : 15 Dec 2021 17:50
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Quant Time: Dec 16 11:45:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 11:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	237962	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	978873	20.000	ng		# 0.00
39) Acenaphthene-d10	9.857	164	451270	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	695114	20.000	ng		# 0.00
76) Chrysene-d12	13.968	240	341515	20.000	ng		# 0.00
86) Perylene-d12	15.409	264	335275	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1346662	83.339	ng		0.00
7) Phenol-d6	6.445	99	1711364	83.410	ng		0.00
23) Nitrobenzene-d5	7.380	82	1536385	85.005	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	303523	83.693	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1937414	75.298	ng		0.00
79) Terphenyl-d14	12.921	244	1598851	81.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	337240	42.755	ng	#	100
3) Pyridine	3.281	79	910403	43.463	ng	#	77
4) n-Nitrosodimethylamine	3.234	42	345937	42.971	ng	#	7
6) Aniline	6.481	93	1117776	42.890	ng		96
8) 2-Chlorophenol	6.598	128	686875	41.918	ng		85
9) Benzaldehyde	6.363	77	497658	40.195	ng		95
10) Phenol	6.457	94	965062	41.901	ng		90
11) bis(2-Chloroethyl)ether	6.557	93	758798	42.445	ng		98
12) 1,3-Dichlorobenzene	6.757	146	694953	42.043	ng		96
13) 1,4-Dichlorobenzene	6.833	146	698697	41.858	ng		93
14) 1,2-Dichlorobenzene	6.992	146	633821	41.067	ng		96
15) Benzyl Alcohol	6.957	79	642710	42.909	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1261030	43.104	ng		95
17) 2-Methylphenol	7.063	107	609065	42.429	ng		98
18) Hexachloroethane	7.333	117	282511	43.027	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	526498	41.800	ng	#	71
20) 3+4-Methylphenols	7.222	107	694466	40.922	ng		94
22) Acetophenone	7.228	105	924422	41.034	ng	#	97
24) Nitrobenzene	7.398	77	769137	42.628	ng		89
25) Isophorone	7.645	82	1431849	41.952	ng	#	88
26) 2-Nitrophenol	7.716	139	361246	44.413	ng	#	84
27) 2,4-Dimethylphenol	7.751	122	579073	41.889	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	943602	42.050	ng	#	97
29) 2,4-Dichlorophenol	7.951	162	523746	42.656	ng		92
30) 1,2,4-Trichlorobenzene	8.039	180	528528	41.616	ng		98
31) Naphthalene	8.122	128	1897313	41.446	ng		100
32) Benzoic acid	7.869	122	526532m	44.268	ng		
33) 4-Chloroaniline	8.169	127	808634	42.306	ng		96
34) Hexachlorobutadiene	8.245	225	266756	42.767	ng		99
35) Caprolactam	8.539	113	129989m	42.605	ng		
36) 4-Chloro-3-methylphenol	8.645	107	624275	43.103	ng		90
37) 2-Methylnaphthalene	8.816	142	1167888	41.427	ng		98
38) 1-Methylnaphthalene	8.910	142	1128741	41.257	ng		96
40) 1,2,4,5-Tetrachloroben...	8.980	216	405767	41.661	ng	#	95
41) Hexachlorocyclopentadiene	8.969	237	248353	44.529	ng		95
43) 2,4,6-Trichlorophenol	9.086	196	329974	43.068	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	331508	41.782	ng	#	93
46)	1,1'-Biphenyl	9.280	154	1375831	41.233	ng		97
47)	2-Chloronaphthalene	9.304	162	1035343	41.240	ng		98
48)	2-Nitroaniline	9.392	65	398835	43.525	ng		89
49)	Acenaphthylene	9.716	152	1585877	41.341	ng		97
50)	Dimethylphthalate	9.580	163	1169210	40.902	ng		97
51)	2,6-Dinitrotoluene	9.639	165	265191	42.861	ng	#	89
52)	Acenaphthene	9.892	154	1027024	41.283	ng		98
53)	3-Nitroaniline	9.804	138	336952	42.847	ng	#	72
54)	2,4-Dinitrophenol	9.904	184	114496	44.943	ng	#	85
55)	Dibenzofuran	10.063	168	1385730	40.912	ng		97
56)	4-Nitrophenol	9.951	139	259041	45.602	ng	#	77
57)	2,4-Dinitrotoluene	10.039	165	339509	43.016	ng	#	94
58)	Fluorene	10.404	166	923127	37.647	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.174	232	250174	42.526	ng	#	98
60)	Diethylphthalate	10.280	149	1198563	41.722	ng		98
61)	4-Chlorophenyl-phenyle...	10.398	204	418825	37.936	ng		94
62)	4-Nitroaniline	10.416	138	287938	43.647	ng	#	74
63)	Azobenzene	10.557	77	1448403	41.627	ng		85
65)	4,6-Dinitro-2-methylph...	10.445	198	168988	44.520	ng		92
66)	n-Nitrosodiphenylamine	10.516	169	916573	41.086	ng		98
67)	4-Bromophenyl-phenylether	10.886	248	272842	41.823	ng		94
68)	Hexachlorobenzene	10.951	284	313737	41.815	ng	#	86
69)	Atrazine	11.039	200	181829	44.476	ng		97
70)	Pentachlorophenol	11.139	266	186840	44.886	ng		92
71)	Phenanthrene	11.363	178	1439271	40.117	ng		97
72)	Anthracene	11.416	178	1478058	41.046	ng		99
73)	Carbazole	11.563	167	1401706	41.333	ng		99
74)	Di-n-butylphthalate	11.904	149	1768093	41.127	ng		99
75)	Fluoranthene	12.545	202	1335210	41.307	ng		90
77)	Benzidine	12.662	184	224899	41.771	ng		97
78)	Pyrene	12.774	202	1339257	42.684	ng		96
80)	Butylbenzylphthalate	13.398	149	655819	44.418	ng	#	79
81)	Benzo(a)anthracene	13.957	228	859349	42.480	ng		99
82)	3,3'-Dichlorobenzidine	13.921	252	400983	43.387	ng	#	97
83)	Chrysene	13.998	228	909132	43.254	ng		97
84)	Bis(2-ethylhexyl)phtha...	13.962	149	714444	43.302	ng		98
85)	Di-n-octyl phthalate	14.574	149	1336501	45.441	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.839	276	988479	44.201	ng		94
88)	Benzo(b)fluoranthene	14.992	252	886325	43.997	ng	#	94
89)	Benzo(k)fluoranthene	15.021	252	814042	42.241	ng	#	94
90)	Benzo(a)pyrene	15.351	252	727083	43.426	ng	#	94
91)	Dibenzo(a,h)anthracene	16.856	278	804943	44.278	ng	#	95
92)	Benzo(g,h,i)perylene	17.268	276	825794	43.904	ng		92

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

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