Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
Data File : BF126689.D
Acq On : 26 Jan 2022 16:30
Operator : CG/JU
Sample : N1248-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C1-C2MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

Quant Time: Jan 27 03:13:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	173010	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	683577	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	374508	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	612635	20.000	ng		0.00
76) Chrysene-d12	14.139	240	320849	20.000	ng		0.00
86) Perylene-d12	15.662	264	228724	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1557509	118.463	ng		0.02
7) Phenol-d6	6.581	99	2029999	111.129	ng		0.00
23) Nitrobenzene-d5	7.522	82	1633618	93.540	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	474104	135.272	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1990048	81.380	ng		0.00
79) Terphenyl-d14	13.080	244	2030961	106.170	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	259423	40.035	ng	#	76
3) Pyridine	3.687	79	496790	27.369	ng	#	84
4) n-Nitrosodimethylamine	3.646	42	238617	37.153	ng		78
6) Aniline	6.622	93	240732m	10.517	ng		
8) 2-Chlorophenol	6.740	128	596994	49.505	ng		95
9) Benzaldehyde	6.516	77	593646	54.166	ng		87
10) Phenol	6.592	94	828054	42.620	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	774784	49.142	ng		96
12) 1,3-Dichlorobenzene	6.898	146	550701m	41.136	ng		
13) 1,4-Dichlorobenzene	6.975	146	561173	41.510	ng		97
14) 1,2-Dichlorobenzene	7.128	146	549650	43.127	ng		99
15) Benzyl Alcohol	7.098	79	718056	44.091	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	890456	49.504	ng		85
17) 2-Methylphenol	7.198	107	567222	47.842	ng		94
18) Hexachloroethane	7.469	117	218003	39.938	ng		95
19) n-Nitroso-di-n-propyla...	7.369	70	584409	43.834	ng	#	86
20) 3+4-Methylphenols	7.351	107	696292	45.294	ng	#	80
22) Acetophenone	7.369	105	929808	44.138	ng	#	89
24) Nitrobenzene	7.539	77	890235	49.378	ng	#	87
25) Isophorone	7.775	82	1611811	47.589	ng		95
26) 2-Nitrophenol	7.851	139	295156	62.758	ng	#	73
27) 2,4-Dimethylphenol	7.881	122	579551	51.927	ng		86
28) bis(2-Chloroethoxy)met...	7.986	93	991510	46.938	ng	#	97
29) 2,4-Dichlorophenol	8.092	162	498786	47.113	ng		98
30) 1,2,4-Trichlorobenzene	8.175	180	488549	43.031	ng		99
31) Naphthalene	8.263	128	1662447	45.019	ng		99
32) Benzoic acid	7.951	122	108897	17.200	ng	#	78
33) 4-Chloroaniline	8.304	127	69803	4.731	ng	#	90
34) Hexachlorobutadiene	8.375	225	279300	38.674	ng		98
35) Caprolactam	8.681	113	147450m	39.000	ng		
36) 4-Chloro-3-methylphenol	8.781	107	647117	46.741	ng		87
37) 2-Methylnaphthalene	8.951	142	1063971	46.328	ng		97
38) 1-Methylnaphthalene	9.051	142	1007327	45.253	ng		100
40) 1,2,4,5-Tetrachloroben...	9.116	216	485226	46.193	ng		97
41) Hexachlorocyclopentadiene	9.104	237	517365	80.895	ng		96
43) 2,4,6-Trichlorophenol	9.228	196	349659	46.694	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	364410	46.987	ng	#	92
46)	1,1'-Biphenyl	9.422	154	1310539	46.449	ng		98
47)	2-Chloronaphthalene	9.445	162	1038475	46.848	ng		100
48)	2-Nitroaniline	9.539	65	449605	58.744	ng		92
49)	Acenaphthylene	9.863	152	1658081	47.684	ng		98
50)	Dimethylphthalate	9.722	163	1234293	46.468	ng		99
51)	2,6-Dinitrotoluene	9.780	165	270442	58.921	ng	#	78
52)	Acenaphthene	10.033	154	991492	46.640	ng		97
53)	3-Nitroaniline	9.945	138	80367	15.314	ng	#	74
54)	2,4-Dinitrophenol	10.051	184	91945	50.059	ng		93
55)	Dibenzofuran	10.210	168	1447653	45.315	ng		99
56)	4-Nitrophenol	10.104	139	399187	95.527	ng	#	69
57)	2,4-Dinitrotoluene	10.186	165	360539	64.822	ng	#	92
58)	Fluorene	10.551	166	1095951	45.438	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.322	232	301225	47.507	ng	#	82
60)	Diethylphthalate	10.422	149	1187305	44.967	ng		97
61)	4-Chlorophenyl-phenyle...	10.539	204	537617	44.630	ng		91
62)	4-Nitroaniline	10.569	138	267619	52.546	ng	#	78
63)	Azobenzene	10.704	77	1706407	43.670	ng		92
65)	4,6-Dinitro-2-methylph...	10.592	198	96249	35.206	ng		98
66)	n-Nitrosodiphenylamine	10.663	169	979029	47.342	ng		99
67)	4-Bromophenyl-phenylether	11.033	248	338706	47.971	ng		94
68)	Hexachlorobenzene	11.098	284	366756	48.685	ng	#	88
69)	Atrazine	11.186	200	317974	48.145	ng		97
70)	Pentachlorophenol	11.292	266	331191	75.605	ng		99
71)	Phenanthrene	11.516	178	1631409	46.611	ng		99
72)	Anthracene	11.569	178	1659903	47.267	ng		99
73)	Carbazole	11.722	167	1454972	44.130	ng		99
74)	Di-n-butylphthalate	12.051	149	1791837	45.069	ng		98
75)	Fluoranthene	12.710	202	1515798	43.846	ng		99
77)	Benzidine	12.827	184	309157	27.931	ng		99
78)	Pyrene	12.939	202	1489763	57.417	ng		98
80)	Butylbenzylphthalate	13.557	149	574931	51.003	ng	#	93
81)	Benzo(a)anthracene	14.127	228	1067249	48.938	ng		100
82)	3,3'-Dichlorobenzidine	14.086	252	81399	11.362	ng		96
83)	Chrysene	14.168	228	1007717	48.023	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.110	149	731392	47.909	ng	#	100
85)	Di-n-octyl phthalate	14.733	149	1090805	46.669	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.227	276	834603	59.058	ng	#	87
88)	Benzo(b)fluoranthene	15.210	252	1000380	65.954	ng	#	96
89)	Benzo(k)fluoranthene	15.245	252	934146	62.726	ng	#	94
90)	Benzo(a)pyrene	15.598	252	705948	57.203	ng	#	94
91)	Dibenzo(a,h)anthracene	17.251	278	717993	61.329	ng	#	90
92)	Benzo(g,h,i)perylene	17.703	276	722032	62.897	ng	#	87

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

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