Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
Data File : BF126753.D
Acq On : 31 Jan 2022 16:13
Operator : CG/JU
Sample : N1325-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TES-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

Quant Time: Feb 01 02:41:24 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	153285	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	606019	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	334115	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	566458	20.000	ng		0.00
76) Chrysene-d12	14.145	240	360036	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	275526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	1285513	110.357	ng		0.03
7) Phenol-d6	6.587	99	1673247	103.386	ng		0.01
23) Nitrobenzene-d5	7.528	82	1376978	88.935	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	423651	135.490	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1722389	78.950	ng		0.00
79) Terphenyl-d14	13.086	244	1935684	90.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.005	88	236114	41.127	ng	#	76
3) Pyridine	3.699	79	452507	28.137	ng	#	81
4) n-Nitrosodimethylamine	3.658	42	227200	39.927	ng	#	68
6) Aniline	6.622	93	174118m	8.585	ng		
8) 2-Chlorophenol	6.746	128	508740	47.616	ng		96
9) Benzaldehyde	6.516	77	419438	41.916	ng		88
10) Phenol	6.598	94	692198m	40.212	ng		
11) bis(2-Chloroethyl)ether	6.693	93	658688	47.155	ng		95
12) 1,3-Dichlorobenzene	6.898	146	503350m	42.437	ng		
13) 1,4-Dichlorobenzene	6.981	146	507993	42.412	ng		96
14) 1,2-Dichlorobenzene	7.128	146	490183	43.410	ng		97
15) Benzyl Alcohol	7.098	79	559849	38.800	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	726261	45.572	ng		81
17) 2-Methylphenol	7.204	107	498386	47.446	ng		94
18) Hexachloroethane	7.469	117	204387	42.261	ng		95
19) n-Nitroso-di-n-propyla...	7.375	70	479131	40.562	ng	#	83
20) 3+4-Methylphenols	7.357	107	576602	42.334	ng		91
22) Acetophenone	7.369	105	782019	41.873	ng	#	90
24) Nitrobenzene	7.545	77	748824	46.850	ng	#	89
25) Isophorone	7.781	82	1343381	44.740	ng		95
26) 2-Nitrophenol	7.857	139	259684	62.282	ng	#	79
27) 2,4-Dimethylphenol	7.887	122	507119	51.252	ng		87
28) bis(2-Chloroethoxy)met...	7.987	93	822656	43.929	ng		98
29) 2,4-Dichlorophenol	8.098	162	432389	46.068	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	437259	43.442	ng		98
31) Naphthalene	8.263	128	1478734	45.168	ng		99
32) Benzoic acid	8.004	122	296737	52.867	ng	#	77
33) 4-Chloroaniline	8.310	127	39374	3.010	ng	#	90
34) Hexachlorobutadiene	8.375	225	265508	41.469	ng		98
35) Caprolactam	8.687	113	132739m	39.603	ng		
36) 4-Chloro-3-methylphenol	8.787	107	569583	46.406	ng		87
37) 2-Methylnaphthalene	8.957	142	932375	45.794	ng		98
38) 1-Methylnaphthalene	9.057	142	884415	44.816	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	433829	46.293	ng		97
41) Hexachlorocyclopentadiene	9.104	237	532140	93.264	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	308616	46.196	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	334798	48.388	ng	#	93
46) 1,1'-Biphenyl	9.422	154	1148804	45.639	ng		96
47) 2-Chloronaphthalene	9.451	162	901208	45.571	ng		99
48) 2-Nitroaniline	9.545	65	370933	54.324	ng		93
49) Acenaphthylene	9.869	152	1431860	46.157	ng		99
50) Dimethylphthalate	9.722	163	1133187	47.819	ng		99
51) 2,6-Dinitrotoluene	9.787	165	244866	59.798	ng		87
52) Acenaphthene	10.039	154	966315m	50.952	ng		
53) 3-Nitroaniline	9.951	138	18061	3.858	ng	#	86
54) 2,4-Dinitrophenol	10.063	184	244355	107.570	ng		97
55) Dibenzofuran	10.210	168	1272269	44.640	ng		97
56) 4-Nitrophenol	10.116	139	361516	96.971	ng	#	74
57) 2,4-Dinitrotoluene	10.192	165	327768	66.055	ng	#	94
58) Fluorene	10.557	166	962068	44.709	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	283976	50.201	ng	#	81
60) Diethylphthalate	10.422	149	1055675	44.815	ng		96
61) 4-Chlorophenyl-phenyle...	10.545	204	476501	44.338	ng		90
62) 4-Nitroaniline	10.575	138	195483	43.022	ng	#	75
63) Azobenzene	10.704	77	1457718	41.815	ng		92
65) 4,6-Dinitro-2-methylph...	10.598	198	161298	57.820	ng		96
66) n-Nitrosodiphenylamine	10.663	169	815744	42.662	ng		98
67) 4-Bromophenyl-phenylether	11.039	248	309565	47.418	ng		91
68) Hexachlorobenzene	11.104	284	339845	48.791	ng	#	87
69) Atrazine	11.192	200	226974	37.168	ng		92
70) Pentachlorophenol	11.298	266	377886	93.297	ng		97
71) Phenanthrene	11.522	178	1479596	45.720	ng		100
72) Anthracene	11.575	178	1521318	46.853	ng		100
73) Carbazole	11.728	167	1246527	40.890	ng		98
74) Di-n-butylphthalate	12.051	149	1643519	44.709	ng	#	98
75) Fluoranthene	12.716	202	1477195	46.212	ng		97
77) Benzidine	12.833	184	37623	3.029	ng	#	94
78) Pyrene	12.945	202	1487880	51.103	ng		98
80) Butylbenzylphthalate	13.557	149	653141	51.635	ng	#	90
81) Benzo(a)anthracene	14.139	228	1172064	47.895	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	67484	8.395	ng		96
83) Chrysene	14.174	228	1069914	45.438	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	870290	50.802	ng	#	98
85) Di-n-octyl phthalate	14.739	149	1260332	48.053	ng		94
87) Indeno(1,2,3-cd)pyrene	17.239	276	967448	56.830	ng	#	91
88) Benzo(b)fluoranthene	15.216	252	915187	50.088	ng	#	96
89) Benzo(k)fluoranthene	15.251	252	846591	47.191	ng	#	96
90) Benzo(a)pyrene	15.610	252	843656	56.750	ng	#	94
91) Dibenzo(a,h)anthracene	17.262	278	841161	59.645	ng	#	93
92) Benzo(g,h,i)perylene	17.721	276	839171	60.684	ng	#	89

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

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