Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126348.D
Acq On : 23 Dec 2021 17:12
Operator : JU/CG
Sample : M5181-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:50:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	82655	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	193894	20.000	ng		# 0.01
39) Acenaphthene-d10	9.881	164	88887	20.000	ng		0.02
64) Phenanthrene-d10	11.363	188	132620	20.000	ng		# 0.02
76) Chrysene-d12	14.010	240	133704	20.000	ng		# 0.03
86) Perylene-d12	15.463	264	122271	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	902784	160.847	ng		0.00
7) Phenol-d6	6.451	99	1062189	149.044	ng		0.00
23) Nitrobenzene-d5	7.387	82	622930m	173.999	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	112935	158.098	ng		0.02
45) 2-Fluorobiphenyl	9.198	172	477074	94.134	ng		0.02
79) Terphenyl-d14	12.957	244	434869	56.532	ng		0.03
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.552	88	156909	57.271	ng	#	100
3) Pyridine	3.287	79	344616	47.365	ng	#	78
4) n-Nitrosodimethylamine	3.228	42	178434	63.811	ng	#	1
6) Aniline	6.481	93	174290	19.253	ng	#	94
8) 2-Chlorophenol	6.604	128	318731	55.999	ng		88
9) Benzaldehyde	6.363	77	253567	58.962	ng		94
10) Phenol	6.463	94	469868	58.735	ng		92
11) bis(2-Chloroethyl)ether	6.557	93	429778	69.213	ng		95
12) 1,3-Dichlorobenzene	6.763	146	305964	53.290	ng		99
13) 1,4-Dichlorobenzene	6.840	146	290018	50.021	ng	#	93
14) 1,2-Dichlorobenzene	6.992	146	265695m	49.563	ng		
15) Benzyl Alcohol	6.963	79	205757m	39.549	ng		
16) 2,2'-oxybis(1-Chloropr...	7.098	45	462178	45.482	ng		80
17) 2-Methylphenol	7.075	107	243909	48.918	ng	#	91
18) Hexachloroethane	7.340	117	107193	47.002	ng		96
19) n-Nitroso-di-n-propyla...	7.240	70	169974	38.851	ng	#	71
20) 3+4-Methylphenols	7.228	107	257029	43.604	ng	#	60
22) Acetophenone	7.234	105	344844	77.278	ng	#	86
24) Nitrobenzene	7.404	77	296336	82.916	ng		96
25) Isophorone	7.645	82	599201	88.631	ng	#	41
26) 2-Nitrophenol	7.722	139	138467	85.945	ng	#	9
27) 2,4-Dimethylphenol	7.763	122	214042	78.230	ng		86
28) bis(2-Chloroethoxy)met...	7.857	93	276377	62.178	ng	#	51
29) 2,4-Dichlorophenol	7.969	162	176172	72.437	ng	#	81
30) 1,2,4-Trichlorobenzene	8.057	180	153612	61.063	ng		99
31) Naphthalene	8.139	128	511371	56.396	ng		99
32) Benzoic acid	7.881	122	105133	44.602	ng	#	65
33) 4-Chloroaniline	8.187	127	42328	11.180	ng	#	53
34) Hexachlorobutadiene	8.263	225	82519	66.789	ng		98
35) Caprolactam	8.569	113	241747	399.961	ng	#	45
36) 4-Chloro-3-methylphenol	8.663	107	187627	65.401	ng	#	73
37) 2-Methylnaphthalene	8.839	142	292790	52.432	ng		98
38) 1-Methylnaphthalene	8.934	142	259194	47.829	ng		97
40) 1,2,4,5-Tetrachloroben...	9.010	216	102384	53.368	ng	#	84
41) Hexachlorocyclopentadiene	8.992	237	47321	43.075	ng		96
43) 2,4,6-Trichlorophenol	9.110	196	72812	48.248	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	67790	43.377	ng	#	1
46) 1,1'-Biphenyl	9.298	154	303340	46.154	ng		98
47) 2-Chloronaphthalene	9.322	162	230173	46.547	ng	#	90
48) 2-Nitroaniline	9.404	65	87228m	48.328	ng		
49) Acenaphthylene	9.739	152	386387	51.136	ng	#	89
50) Dimethylphthalate	9.592	163	281022	49.910	ng	#	85
51) 2,6-Dinitrotoluene	9.651	165	79863	65.531	ng		96
52) Acenaphthene	9.910	154	245837	50.169	ng		99
53) 3-Nitroaniline	9.810	138	54381m	35.107	ng		
54) 2,4-Dinitrophenol	9.922	184	13925	27.750	ng	#	1
55) Dibenzofuran	10.081	168	321827	48.239	ng	#	93
56) 4-Nitrophenol	9.975	139	113298	101.259	ng	#	45
57) 2,4-Dinitrotoluene	10.051	165	81140	52.193	ng	#	96
58) Fluorene	10.422	166	262300	54.309	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.198	232	53042	45.775	ng	#	66
60) Diethylphthalate	10.292	149	256716	45.369	ng	#	92
61) 4-Chlorophenyl-phenyle...	10.416	204	120608	55.462	ng		89
62) 4-Nitroaniline	10.422	138	54731	42.120	ng		90
63) Azobenzene	10.575	77	283672	41.390	ng		86
65) 4,6-Dinitro-2-methylph...	10.457	198	11910	16.446	ng	#	1
66) n-Nitrosodiphenylamine	10.528	169	265752	62.438	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	68297	54.872	ng	#	79
68) Hexachlorobenzene	10.980	284	81605	57.007	ng	#	87
69) Atrazine	11.069	200	78076	100.099	ng		76
70) Pentachlorophenol	11.169	266	91189	114.824	ng		92
71) Phenanthrene	11.392	178	353461	51.638	ng	#	90
72) Anthracene	11.439	178	370604	53.943	ng	#	92
73) Carbazole	11.592	167	324069	50.087	ng	#	93
74) Di-n-butylphthalate	11.927	149	427583	52.131	ng	#	93
75) Fluoranthene	12.586	202	376468	61.044	ng		94
77) Benzidine	12.698	184	55004	26.094	ng	#	48
78) Pyrene	12.816	202	407048	33.137	ng		94
80) Butylbenzylphthalate	13.427	149	202705	35.067	ng	#	80
81) Benzo(a)anthracene	13.998	228	411640	51.975	ng		95
82) 3,3'-Dichlorobenzidine	13.957	252	36725	10.150	ng	#	90
83) Chrysene	14.033	228	404459	49.152	ng		95
84) Bis(2-ethylhexyl)phtha...	13.986	149	359784	55.699	ng	#	98
85) Di-n-octyl phthalate	14.598	149	555699	48.259	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.904	276	356682	43.734	ng		96
88) Benzo(b)fluoranthene	15.039	252	411293	55.983	ng	#	91
89) Benzo(k)fluoranthene	15.068	252	322572	45.898	ng	#	90
90) Benzo(a)pyrene	15.398	252	367637	60.209	ng	#	94
91) Dibenzo(a,h)anthracene	16.915	278	303895	45.838	ng	#	94
92) Benzo(g,h,i)perylene	17.333	276	315677	46.021	ng		94

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

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