Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134127.D
Acq On : 07 Jul 2023 09:04
Operator : CG\JU
Sample : 03487-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 13:48:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	104790	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	400735	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	201758	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	380118	20.000	ng		0.00
76) Chrysene-d12	14.039	240	210333	20.000	ng		#-0.01
86) Perylene-d12	15.539	264	220837	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	885573	141.364	ng		0.00
7) Phenol-d6	6.492	99	1072292	139.185	ng		0.00
23) Nitrobenzene-d5	7.416	82	717609	96.530	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	352255	139.251	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1273236	91.751	ng		0.00
79) Terphenyl-d14	12.974	244	1352732	103.508	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	137381	53.186	ng		98
3) Pyridine	3.493	79	357010	53.062	ng		99
4) n-Nitrosodimethylamine	3.463	42	232332	60.461	ng		100
6) Aniline	6.510	93	432520	46.136	ng	#	81
8) 2-Chlorophenol	6.634	128	392911	61.786	ng		97
9) Benzaldehyde	6.398	77	266015	93.537	ng		97
10) Phenol	6.504	94	475321	58.680	ng		88
11) bis(2-Chloroethyl)ether	6.586	93	368729	61.830	ng		99
12) 1,3-Dichlorobenzene	6.786	146	416605	61.449	ng		99
13) 1,4-Dichlorobenzene	6.863	146	428953	62.641	ng		99
14) 1,2-Dichlorobenzene	7.016	146	399489	62.292	ng		98
15) Benzyl Alcohol	6.992	79	353429	59.509	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	603671	57.218	ng		97
17) 2-Methylphenol	7.104	107	327155	57.451	ng		97
18) Hexachloroethane	7.351	117	161157	63.471	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	273492	55.979	ng		97
20) 3+4-Methylphenols	7.257	107	387939	56.155	ng		91
22) Acetophenone	7.257	105	537125	58.936	ng		98
24) Nitrobenzene	7.433	77	430250	57.273	ng		97
25) Isophorone	7.669	82	775545	57.402	ng		99
26) 2-Nitrophenol	7.745	139	216891	60.184	ng		97
27) 2,4-Dimethylphenol	7.781	122	331213	58.062	ng		97
28) bis(2-Chloroethoxy)met...	7.881	93	438142	56.005	ng		99
29) 2,4-Dichlorophenol	7.986	162	329615	58.270	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	346743	59.407	ng		99
31) Naphthalene	8.151	128	1091386	56.383	ng		99
32) Benzoic acid	7.916	122	243880m	57.054	ng		
33) 4-Chloroaniline	8.198	127	76888	9.286	ng		96
34) Hexachlorobutadiene	8.263	225	218452	59.332	ng		99
35) Caprolactam	8.586	113	108177m	58.081	ng		
36) 4-Chloro-3-methylphenol	8.686	107	371572	58.472	ng		98
37) 2-Methylnaphthalene	8.839	142	729524	53.295	ng		99
38) 1-Methylnaphthalene	8.939	142	677628	53.251	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	344603	57.651	ng		98
41) Hexachlorocyclopentadiene	8.992	237	372150	131.233	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	229321	56.357	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	251896	52.628	ng	96
46) 1,1'-Biphenyl	9.310	154	917973	56.720	ng	98
47) 2-Chloronaphthalene	9.333	162	686450	57.970	ng	98
48) 2-Nitroaniline	9.433	65	245987	57.000	ng	97
49) Acenaphthylene	9.751	152	1107162	54.734	ng	99
50) Dimethylphthalate	9.610	163	812307	55.464	ng	99
51) 2,6-Dinitrotoluene	9.675	165	181547	57.553	ng	89
52) Acenaphthene	9.922	154	661457	56.354	ng	99
53) 3-Nitroaniline	9.845	138	116149	30.692	ng	97
54) 2,4-Dinitrophenol	9.963	184	215621	116.509	ng	91
55) Dibenzofuran	10.098	168	998202	54.416	ng	99
56) 4-Nitrophenol	10.016	139	300293	113.444	ng	94
57) 2,4-Dinitrotoluene	10.086	165	231477	55.566	ng	89
58) Fluorene	10.439	166	773342	54.188	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	211170	55.932	ng	97
60) Diethylphthalate	10.316	149	816821	53.532	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	376770	54.782	ng	97
62) 4-Nitroaniline	10.469	138	199638	52.347	ng	99
63) Azobenzene	10.592	77	828340	57.391	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	134804	65.048	ng	99
66) n-Nitrosodiphenylamine	10.551	169	693282	57.084	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	236088	58.435	ng	96
68) Hexachlorobenzene	10.986	284	268584	62.611	ng	98
69) Atrazine	11.086	200	222998	66.381	ng	99
70) Pentachlorophenol	11.186	266	268232	104.578	ng	97
71) Phenanthrene	11.404	178	1094320	57.187	ng	100
72) Anthracene	11.457	178	1122125	56.379	ng	99
73) Carbazole	11.616	167	1055689	57.948	ng	99
74) Di-n-butylphthalate	11.945	149	1217320	56.190	ng	99
75) Fluoranthene	12.604	202	1140768	55.143	ng	98
77) Benzidine	12.727	184	420605	84.041	ng	99
78) Pyrene	12.833	202	1144361	58.462	ng	100
80) Butylbenzylphthalate	13.457	149	439260	59.834	ng	97
81) Benzo(a)anthracene	14.033	228	845433	57.958	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	196985	42.624	ng	98
83) Chrysene	14.068	228	799413	56.582	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	514669	61.012	ng	99
85) Di-n-octyl phthalate	14.639	149	757520	61.115	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	919272	59.989	ng	99
88) Benzo(b)fluoranthene	15.098	252	750743	57.814	ng	99
89) Benzo(k)fluoranthene	15.133	252	719040	54.386	ng	98
90) Benzo(a)pyrene	15.480	252	701385	55.857	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	754116	60.250	ng	98
92) Benzo(g,h,i)perylene	17.568	276	804926	62.362	ng	100

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

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