Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129787.D
Acq On : 15 Aug 2022 18:38
Operator : CG\JU
Sample : N4200-13MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 16 03:16:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	167409	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	697170	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	373417	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	618870	20.000	ng	0.00
76) Chrysene-d12	14.004	240	377588	20.000	ng	0.00
86) Perylene-d12	15.468	264	314712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	949977	93.954	ng	0.00
7) Phenol-d6	6.487	99	1201319	94.877	ng	0.00
23) Nitrobenzene-d5	7.392	82	751620	57.713	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	342425	91.367	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1444976	58.772	ng	0.00
79) Terphenyl-d14	12.939	244	1434909	63.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	171357	41.079	ng	100
3) Pyridine	3.416	79	445851	40.842	ng	99
4) n-Nitrosodimethylamine	3.387	42	228176	45.355	ng	99
6) Aniline	6.492	93	477278	33.072	ng	91
8) 2-Chlorophenol	6.622	128	517520	45.977	ng	99
9) Benzaldehyde	6.381	77	307445	46.424	ng	98
10) Phenol	6.498	94	608763	43.830	ng	81
11) bis(2-Chloroethyl)ether	6.563	93	485660	46.047	ng	98
12) 1,3-Dichlorobenzene	6.763	146	540487	44.478	ng	98
13) 1,4-Dichlorobenzene	6.839	146	542566	43.698	ng	99
14) 1,2-Dichlorobenzene	6.992	146	511887	44.389	ng	99
15) Benzyl Alcohol	6.981	79	432421	45.238	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	638095	45.150	ng	93
17) 2-Methylphenol	7.098	107	415396	45.961	ng	99
18) Hexachloroethane	7.328	117	208242	44.662	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	365091	45.617	ng	98
20) 3+4-Methylphenols	7.251	107	537035	44.266	ng	97
22) Acetophenone	7.239	105	727586	42.826	ng	98
24) Nitrobenzene	7.416	77	539734	41.100	ng	98
25) Isophorone	7.651	82	992048	44.257	ng	99
26) 2-Nitrophenol	7.728	139	279425	43.258	ng	98
27) 2,4-Dimethylphenol	7.775	122	455274	49.146	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	615445	47.024	ng	98
29) 2,4-Dichlorophenol	7.981	162	432493	42.696	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	432156	40.440	ng	98
31) Naphthalene	8.128	128	1472133	40.385	ng	99
32) Benzoic acid	7.928	122	189265	46.112	ng	96
33) 4-Chloroaniline	8.186	127	323415	22.562	ng	97
34) Hexachlorobutadiene	8.239	225	267471	41.106	ng	99
35) Caprolactam	8.575	113	132448m	42.047	ng	
36) 4-Chloro-3-methylphenol	8.686	107	472270	43.217	ng	99
37) 2-Methylnaphthalene	8.822	142	984867	41.165	ng	99
38) 1-Methylnaphthalene	8.922	142	926064	39.828	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	443452	42.697	ng	99
41) Hexachlorocyclopentadiene	8.969	237	377548	98.315	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	275956	40.894	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.163	196	301497	41.529	ng		95
46)	1,1'-Biphenyl	9.286	154	1196071	42.162	ng		99
47)	2-Chloronaphthalene	9.310	162	926342	41.270	ng		98
48)	2-Nitroaniline	9.422	65	287770	40.569	ng		94
49)	Acenaphthylene	9.727	152	1373086	40.341	ng		100
50)	Dimethylphthalate	9.586	163	1097552	41.001	ng		99
51)	2,6-Dinitrotoluene	9.663	165	242320	41.730	ng		87
52)	Acenaphthene	9.898	154	842034	40.776	ng		99
53)	3-Nitroaniline	9.833	138	159066	24.770	ng		100
54)	2,4-Dinitrophenol	9.951	184	211012	80.348	ng		94
55)	Dibenzofuran	10.075	168	1230108	39.650	ng		98
56)	4-Nitrophenol	10.027	139	253165	88.616	ng		92
57)	2,4-Dinitrotoluene	10.069	165	304768	40.431	ng		94
58)	Fluorene	10.416	166	1028180	39.692	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.198	232	226507	42.514	ng	#	87
60)	Diethylphthalate	10.286	149	1076737	40.340	ng		98
61)	4-Chlorophenyl-phenyle...	10.404	204	479744	41.269	ng		99
62)	4-Nitroaniline	10.457	138	233254m	36.005	ng		
63)	Azobenzene	10.563	77	1030921	40.408	ng		99
65)	4,6-Dinitro-2-methylph...	10.480	198	152631	42.011	ng		93
66)	n-Nitrosodiphenylamine	10.527	169	881329	42.193	ng		99
67)	4-Bromophenyl-phenylether	10.892	248	306727	42.316	ng		98
68)	Hexachlorobenzene	10.963	284	338431	43.102	ng		98
69)	Atrazine	11.057	200	292592	45.638	ng		98
70)	Pentachlorophenol	11.169	266	187776	79.796	ng		98
71)	Phenanthrene	11.380	178	1401894	40.560	ng		99
72)	Anthracene	11.433	178	1459133	42.451	ng		100
73)	Carbazole	11.592	167	1299702	41.655	ng		99
74)	Di-n-butylphthalate	11.910	149	1667260	41.519	ng		99
75)	Fluoranthene	12.574	202	1398124	39.530	ng		99
77)	Benzidine	12.698	184	498796	56.394	ng		99
78)	Pyrene	12.804	202	1387977	42.301	ng		100
80)	Butylbenzylphthalate	13.410	149	593258	42.729	ng		96
81)	Benzo(a)anthracene	13.992	228	1039114	40.005	ng		99
82)	3,3'-Dichlorobenzidine	13.951	252	266428	33.119	ng		100
83)	Chrysene	14.033	228	975436	40.118	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.963	149	715770	43.453	ng		100
85)	Di-n-octyl phthalate	14.574	149	1024601	45.059	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.962	276	964372	44.636	ng		100
88)	Benzo(b)fluoranthene	15.045	252	891128	41.352	ng		99
89)	Benzo(k)fluoranthene	15.074	252	861337	41.678	ng		99
90)	Benzo(a)pyrene	15.409	252	756079	44.552	ng		98
91)	Dibenzo(a,h)anthracene	16.968	278	842596	47.265	ng		100
92)	Benzo(g,h,i)perylene	17.409	276	850696	47.832	ng		98

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

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