Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
Data File : BF129768.D
Acq On : 14 Aug 2022 17:47
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081422

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 15 02:36:11 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	178229	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	688041	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	372387	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	631780	20.000	ng	0.00
76) Chrysene-d12	14.004	240	378826	20.000	ng	0.00
86) Perylene-d12	15.468	264	301786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	787464	73.153	ng	0.00
7) Phenol-d6	6.481	99	975181	72.341	ng	0.00
23) Nitrobenzene-d5	7.398	82	949346	73.862	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	278303	74.463	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1767717	72.098	ng	0.00
79) Terphenyl-d14	12.939	244	1753961	77.040	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	162510	36.593	ng	99
3) Pyridine	3.340	79	429826	36.984	ng	98
4) n-Nitrosodimethylamine	3.298	42	202602	37.827	ng	100
6) Aniline	6.492	93	563720	36.691	ng	98
8) 2-Chlorophenol	6.622	128	439392	36.666	ng	100
9) Benzaldehyde	6.381	77	284908	39.367	ng	99
10) Phenol	6.492	94	539890	36.512	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	413178	36.797	ng	99
12) 1,3-Dichlorobenzene	6.763	146	477336	36.897	ng	100
13) 1,4-Dichlorobenzene	6.839	146	485972	36.764	ng	98
14) 1,2-Dichlorobenzene	6.992	146	447319	36.435	ng	97
15) Benzyl Alcohol	6.975	79	377413	37.086	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	549372	36.513	ng	97
17) 2-Methylphenol	7.092	107	353296	36.717	ng	99
18) Hexachloroethane	7.328	117	184120	37.091	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	317764	37.293	ng	98
20) 3+4-Methylphenols	7.251	107	474874	36.766	ng	98
22) Acetophenone	7.239	105	615863	36.731	ng	99
24) Nitrobenzene	7.416	77	480829	37.100	ng	99
25) Isophorone	7.651	82	825701	37.325	ng	99
26) 2-Nitrophenol	7.728	139	242755	38.080	ng	99
27) 2,4-Dimethylphenol	7.769	122	339372	37.120	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	483784	37.455	ng	99
29) 2,4-Dichlorophenol	7.981	162	371645	37.176	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	388597	36.847	ng	100
31) Naphthalene	8.128	128	1321150	36.724	ng	99
32) Benzoic acid	7.916	122	162877m	41.589	ng	
33) 4-Chloroaniline	8.186	127	532255	37.623	ng	99
34) Hexachlorobutadiene	8.239	225	237744	37.022	ng	98
35) Caprolactam	8.575	113	115478m	37.146	ng	
36) 4-Chloro-3-methylphenol	8.680	107	400378	37.124	ng	99
37) 2-Methylnaphthalene	8.822	142	881222	37.322	ng	99
38) 1-Methylnaphthalene	8.922	142	854218	37.226	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	379006	36.593	ng	99
41) Hexachlorocyclopentadiene	8.969	237	93414	41.176	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	254171	37.770	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	268217	37.047	ng		99
46) 1,1'-Biphenyl	9.286	154	1035110	36.589	ng		100
47) 2-Chloronaphthalene	9.316	162	816311	36.469	ng		100
48) 2-Nitroaniline	9.416	65	265899	37.589	ng		99
49) Acenaphthylene	9.727	152	1232754	36.318	ng		100
50) Dimethylphthalate	9.586	163	990129	37.090	ng		100
51) 2,6-Dinitrotoluene	9.657	165	216528	37.392	ng		97
52) Acenaphthene	9.898	154	756803	36.750	ng		99
53) 3-Nitroaniline	9.833	138	235962	36.846	ng		93
54) 2,4-Dinitrophenol	9.945	184	95171	39.336	ng		99
55) Dibenzofuran	10.074	168	1120832	36.228	ng		98
56) 4-Nitrophenol	10.016	139	114994	40.363	ng		99
57) 2,4-Dinitrotoluene	10.069	165	276004	36.716	ng		99
58) Fluorene	10.416	166	935500	36.214	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	201030	37.836	ng	#	78
60) Diethylphthalate	10.286	149	963443	36.195	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	420648	36.285	ng		99
62) 4-Nitroaniline	10.451	138	236330m	36.580	ng		
63) Azobenzene	10.563	77	943776	37.094	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	150028	40.451	ng		96
66) n-Nitrosodiphenylamine	10.527	169	789787	37.038	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	274917	37.152	ng		99
68) Hexachlorobenzene	10.963	284	297739	37.144	ng		99
69) Atrazine	11.057	200	239473	36.590	ng		98
70) Pentachlorophenol	11.169	266	74959	34.358	ng		95
71) Phenanthrene	11.380	178	1288427	36.515	ng		100
72) Anthracene	11.433	178	1284843	36.617	ng		99
73) Carbazole	11.592	167	1145138	35.951	ng		100
74) Di-n-butylphthalate	11.910	149	1514127	36.935	ng		98
75) Fluoranthene	12.574	202	1283291	35.542	ng		99
77) Benzidine	12.692	184	329680	35.078	ng		99
78) Pyrene	12.804	202	1290231	39.193	ng		100
80) Butylbenzylphthalate	13.410	149	540829	38.825	ng		98
81) Benzo(a)anthracene	13.992	228	963301	36.965	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	277507	34.384	ng		99
83) Chrysene	14.027	228	891935	36.564	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	630876	38.174	ng		98
85) Di-n-octyl phthalate	14.574	149	863791	37.863	ng		100
87) Indeno(1,2,3-cd)pyrene	16.956	276	817536	39.460	ng		100
88) Benzo(b)fluoranthene	15.039	252	761010	36.826	ng		99
89) Benzo(k)fluoranthene	15.068	252	684558	34.542	ng		99
90) Benzo(a)pyrene	15.409	252	591263	36.333	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	680905	39.831	ng		100
92) Benzo(g,h,i)perylene	17.403	276	684297	40.124	ng		99

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

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