Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
Data File : BF129777.D
Acq On : 14 Aug 2022 23:01
Operator : CG\JU
Sample : PB146963BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 03:02:53 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 :
PB146963BSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	185311	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	777211	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	425710	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	720766	20.000	ng	0.00
76) Chrysene-d12	14.004	240	454871	20.000	ng	0.00
86) Perylene-d12	15.468	264	355391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1346398	120.297	ng	0.01
7) Phenol-d6	6.487	99	1708530	121.899	ng	0.00
23) Nitrobenzene-d5	7.398	82	1165323	80.264	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	546258	127.850	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2216899	79.092	ng	0.00
79) Terphenyl-d14	12.945	244	2447101	89.516	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	130371	28.234	ng	99
3) Pyridine	3.451	79	357369	29.574	ng	99
4) n-Nitrosodimethylamine	3.387	42	223160	40.073	ng	100
6) Aniline	6.492	93	567088	35.500	ng	89
8) 2-Chlorophenol	6.622	128	534693	42.914	ng	100
9) Benzaldehyde	6.381	77	286117	37.749	ng	99
10) Phenol	6.498	94	625906	40.711	ng	84
11) bis(2-Chloroethyl)ether	6.563	93	490012	41.972	ng	96
12) 1,3-Dichlorobenzene	6.763	146	521624	38.779	ng	99
13) 1,4-Dichlorobenzene	6.839	146	530723	38.615	ng	99
14) 1,2-Dichlorobenzene	6.992	146	508949	39.871	ng	98
15) Benzyl Alcohol	6.981	79	455431	43.042	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.092	45	645836	41.283	ng	97
17) 2-Methylphenol	7.098	107	437721	43.753	ng	99
18) Hexachloroethane	7.328	117	204970	39.713	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	382971	43.228	ng	96
20) 3+4-Methylphenols	7.251	107	560183	41.714	ng	97
22) Acetophenone	7.239	105	743154	39.237	ng	99
24) Nitrobenzene	7.416	77	560233	38.267	ng	98
25) Isophorone	7.651	82	1073533	42.960	ng	99
26) 2-Nitrophenol	7.728	139	295577	41.046	ng	98
27) 2,4-Dimethylphenol	7.775	122	483680	46.835	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	648860	44.472	ng	99
29) 2,4-Dichlorophenol	7.981	162	463278	41.025	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	447165	37.536	ng	97
31) Naphthalene	8.128	128	1545353	38.028	ng	99
32) Benzoic acid	7.928	122	209262	45.828	ng	92
33) 4-Chloroaniline	8.186	127	569549	35.640	ng	99
34) Hexachlorobutadiene	8.239	225	274582	37.853	ng	98
35) Caprolactam	8.580	113	146331m	41.670	ng	
36) 4-Chloro-3-methylphenol	8.686	107	520824	42.752	ng	99
37) 2-Methylnaphthalene	8.822	142	1046690	39.244	ng	99
38) 1-Methylnaphthalene	8.922	142	1007203	38.857	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	465928	39.351	ng	99
41) Hexachlorocyclopentadiene	8.969	237	371681	89.971	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	303665	39.473	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	323899	39.134	ng		96
46) 1,1'-Biphenyl	9.286	154	1286059	39.766	ng		100
47) 2-Chloronaphthalene	9.316	162	998803	39.032	ng		100
48) 2-Nitroaniline	9.422	65	327573	40.508	ng		93
49) Acenaphthylene	9.727	152	1520878	39.194	ng		100
50) Dimethylphthalate	9.592	163	1234818	40.462	ng		100
51) 2,6-Dinitrotoluene	9.663	165	270328	40.835	ng		95
52) Acenaphthene	9.904	154	926992	39.376	ng		99
53) 3-Nitroaniline	9.833	138	234652	32.052	ng		93
54) 2,4-Dinitrophenol	9.951	184	259470	86.233	ng		98
55) Dibenzofuran	10.075	168	1374459	38.861	ng		98
56) 4-Nitrophenol	10.027	139	275230	84.505	ng		98
57) 2,4-Dinitrotoluene	10.075	165	344167	40.049	ng		98
58) Fluorene	10.416	166	1142464	38.686	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	248832	40.967	ng	#	80
60) Diethylphthalate	10.292	149	1217466	40.009	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	529665	39.966	ng		96
62) 4-Nitroaniline	10.463	138	290433m	39.324	ng		
63) Azobenzene	10.569	77	1152361	39.619	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	180752	42.718	ng		98
66) n-Nitrosodiphenylamine	10.533	169	1007914	41.431	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	347857	41.205	ng		93
68) Hexachlorobenzene	10.969	284	379776	41.530	ng	#	92
69) Atrazine	11.063	200	336309	45.041	ng		98
70) Pentachlorophenol	11.174	266	237174	86.101	ng		97
71) Phenanthrene	11.386	178	1593620	39.589	ng		100
72) Anthracene	11.439	178	1626486	40.630	ng		100
73) Carbazole	11.598	167	1504112	41.391	ng		100
74) Di-n-butylphthalate	11.910	149	1894651	40.511	ng		100
75) Fluoranthene	12.574	202	1647094	39.986	ng		98
77) Benzidine	12.698	184	745671	71.447	ng		99
78) Pyrene	12.804	202	1648694	41.710	ng		98
80) Butylbenzylphthalate	13.410	149	721134	43.114	ng		96
81) Benzo(a)anthracene	13.998	228	1284853	41.062	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	352567	36.381	ng		99
83) Chrysene	14.033	228	1152508	39.347	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	901154	45.412	ng		99
85) Di-n-octyl phthalate	14.574	149	1210558	44.192	ng		100
87) Indeno(1,2,3-cd)pyrene	16.962	276	1071758	43.928	ng		100
88) Benzo(b)fluoranthene	15.045	252	1030377	42.340	ng		99
89) Benzo(k)fluoranthene	15.074	252	1015320	43.505	ng		99
90) Benzo(a)pyrene	15.415	252	883290	46.091	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	927615	46.079	ng		99
92) Benzo(g,h,i)perylene	17.409	276	935458	46.577	ng		97

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

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