Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131717.D
Acq On : 20 Dec 2022 17:20
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 21 04:40:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	104349	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	377624	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230555	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	444059	20.000	ng	0.00
76) Chrysene-d12	14.068	240	278218	20.000	ng	0.00
86) Perylene-d12	15.563	264	202388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	484398	78.168	ng	0.00
7) Phenol-d6	6.504	99	650870	78.034	ng	0.00
23) Nitrobenzene-d5	7.445	82	736697	79.198	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205638	81.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1322415	80.348	ng	0.00
79) Terphenyl-d14	13.010	244	1570057	87.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	116071	40.082	ng	100
3) Pyridine	3.346	79	333226	40.355	ng	99
4) n-Nitrosodimethylamine	3.328	42	148285	39.692	ng	98
6) Aniline	6.534	93	408502	39.671	ng	98
8) 2-Chlorophenol	6.651	128	262935	39.504	ng	99
9) Benzaldehyde	6.416	77	198295	40.789	ng	99
10) Phenol	6.516	94	389370	39.099	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	288537	40.489	ng	99
12) 1,3-Dichlorobenzene	6.804	146	300290	39.912	ng	99
13) 1,4-Dichlorobenzene	6.887	146	301834	39.247	ng	99
14) 1,2-Dichlorobenzene	7.040	146	283405	39.358	ng	100
15) Benzyl Alcohol	7.016	79	295650	39.685	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	372844	41.031	ng	98
17) 2-Methylphenol	7.128	107	248724	39.584	ng	99
18) Hexachloroethane	7.381	117	123246	40.426	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	245916	40.880	ng	100
20) 3+4-Methylphenols	7.281	107	323146	39.959	ng	98
22) Acetophenone	7.287	105	431073	39.117	ng	99
24) Nitrobenzene	7.463	77	378532	40.029	ng	99
25) Isophorone	7.698	82	649487	41.114	ng	99
26) 2-Nitrophenol	7.775	139	149121	40.349	ng	98
27) 2,4-Dimethylphenol	7.810	122	212413	40.354	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	347221	41.391	ng	99
29) 2,4-Dichlorophenol	8.016	162	258757	40.720	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	300484	40.223	ng	99
31) Naphthalene	8.181	128	818038	39.666	ng	100
32) Benzoic acid	7.951	122	171652m	40.739	ng	
33) 4-Chloroaniline	8.234	127	325034	40.413	ng	98
34) Hexachlorobutadiene	8.292	225	205154	40.818	ng	99
35) Caprolactam	8.622	113	76867	40.117	ng	90
36) 4-Chloro-3-methylphenol	8.716	107	298677	41.146	ng	100
37) 2-Methylnaphthalene	8.875	142	567264	40.324	ng	99
38) 1-Methylnaphthalene	8.975	142	548329	40.245	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	318129	40.331	ng	99
41) Hexachlorocyclopentadiene	9.022	237	154455	43.220	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	209464	40.651	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	228846	41.025	ng		98
46) 1,1'-Biphenyl	9.339	154	706593	40.744	ng		98
47) 2-Chloronaphthalene	9.369	162	574131	40.430	ng		100
48) 2-Nitroaniline	9.469	65	206335	40.313	ng		97
49) Acenaphthylene	9.786	152	855547	40.168	ng		100
50) Dimethylphthalate	9.651	163	713062	41.103	ng		99
51) 2,6-Dinitrotoluene	9.710	165	152981	41.011	ng		91
52) Acenaphthene	9.957	154	522020	40.008	ng		100
53) 3-Nitroaniline	9.886	138	151060	39.577	ng		97
54) 2,4-Dinitrophenol	9.986	184	91913	41.122	ng		95
55) Dibenzofuran	10.128	168	801959	40.082	ng		99
56) 4-Nitrophenol	10.045	139	108268	39.632	ng		95
57) 2,4-Dinitrotoluene	10.116	165	203980	40.694	ng		94
58) Fluorene	10.475	166	641959	39.685	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	186392m	40.025	ng		
60) Diethylphthalate	10.345	149	701996	41.996	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	354402	41.221	ng		99
62) 4-Nitroaniline	10.504	138	151865	39.534	ng		97
63) Azobenzene	10.628	77	754801	41.119	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	127243	41.736	ng		91
66) n-Nitrosodiphenylamine	10.586	169	552861	40.148	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	218016	41.569	ng		97
68) Hexachlorobenzene	11.022	284	231802	40.187	ng	#	91
69) Atrazine	11.116	200	188837	41.138	ng		96
70) Pentachlorophenol	11.216	266	134179	43.829	ng		97
71) Phenanthrene	11.439	178	946841	39.103	ng		98
72) Anthracene	11.492	178	940681	39.677	ng		99
73) Carbazole	11.651	167	798211	38.914	ng		99
74) Di-n-butylphthalate	11.975	149	1083326	42.415	ng		99
75) Fluoranthene	12.633	202	1062836	39.412	ng		98
77) Benzidine	12.757	184	230322	45.147	ng		98
78) Pyrene	12.863	202	1071619	42.364	ng		100
80) Butylbenzylphthalate	13.480	149	422542	47.362	ng		96
81) Benzo(a)anthracene	14.057	228	850483	42.445	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	233825	41.797	ng		99
83) Chrysene	14.098	228	801655	42.388	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	539234	50.688	ng		100
85) Di-n-octyl phthalate	14.657	149	720779	48.537	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	573695	42.202	ng		100
88) Benzo(b)fluoranthene	15.121	252	556858	38.890	ng		98
89) Benzo(k)fluoranthene	15.157	252	589080	42.161	ng		98
90) Benzo(a)pyrene	15.498	252	452214	39.871	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	476190	42.388	ng		97
92) Benzo(g,h,i)perylene	17.533	276	467992	42.147	ng		99

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

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