Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132895.D
Acq On : 18 Apr 2023 10:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 11:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	307061	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1195042	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	601373	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1047284	20.000	ng	0.00
76) Chrysene-d12	13.927	240	703287	20.000	ng	0.00
86) Perylene-d12	15.351	264	726802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1606333	81.801	ng	0.00
7) Phenol-d6	6.398	99	2066697	82.477	ng	0.00
23) Nitrobenzene-d5	7.333	82	1876259	81.838	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	520408	86.277	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2992553	76.445	ng	0.00
79) Terphenyl-d14	12.874	244	3310882	80.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	395021	41.225	ng	100
3) Pyridine	3.157	79	1100270	41.985	ng	99
4) n-Nitrosodimethylamine	3.116	42	519577	41.726	ng	96
6) Aniline	6.434	93	1400353	42.140	ng	99
8) 2-Chlorophenol	6.551	128	824191	41.371	ng	100
9) Benzaldehyde	6.316	77	578511	39.019	ng	97
10) Phenol	6.410	94	1166340	41.397	ng	99
11) bis(2-Chloroethyl)ether	6.504	93	874262	41.087	ng	99
12) 1,3-Dichlorobenzene	6.710	146	898507	41.033	ng	99
13) 1,4-Dichlorobenzene	6.786	146	891558	40.634	ng	98
14) 1,2-Dichlorobenzene	6.939	146	824769	40.260	ng	99
15) Benzyl Alcohol	6.910	79	734746	42.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1528121	41.504	ng	100
17) 2-Methylphenol	7.016	107	758619	41.575	ng	97
18) Hexachloroethane	7.281	117	315122	41.384	ng	99
19) n-Nitroso-di-n-propyla...	7.186	70	643804	41.162	ng	96
20) 3+4-Methylphenols	7.175	107	880846	40.843	ng	99
22) Acetophenone	7.181	105	1103613	39.366	ng	100
24) Nitrobenzene	7.351	77	967367	41.166	ng	99
25) Isophorone	7.592	82	1775334	40.824	ng	100
26) 2-Nitrophenol	7.669	139	380287	42.898	ng	99
27) 2,4-Dimethylphenol	7.704	122	734786	40.633	ng	97
28) bis(2-Chloroethoxy)met...	7.804	93	1055088	40.579	ng	100
29) 2,4-Dichlorophenol	7.910	162	693567	41.206	ng	100
30) 1,2,4-Trichlorobenzene	7.992	180	738940	40.659	ng	99
31) Naphthalene	8.075	128	2407010	39.858	ng	100
32) Benzoic acid	7.822	122	380667m	41.978	ng	
33) 4-Chloroaniline	8.122	127	1010444	40.852	ng	100
34) Hexachlorobutadiene	8.198	225	422465	40.633	ng	99
35) Caprolactam	8.504	113	218589	43.609	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	734551	41.578	ng	98
37) 2-Methylnaphthalene	8.763	142	1662741	40.002	ng	99
38) 1-Methylnaphthalene	8.863	142	1540315	39.770	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	688189	40.459	ng	100
41) Hexachlorocyclopentadiene	8.922	237	390211	43.524	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	456590	42.345	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	540144	42.840	ng	99
46) 1,1'-Biphenyl	9.233	154	1909552	40.055	ng	100
47) 2-Chloronaphthalene	9.257	162	1432279	40.599	ng	99
48) 2-Nitroaniline	9.345	65	458615	44.936	ng	99
49) Acenaphthylene	9.669	152	2263441	40.226	ng	99
50) Dimethylphthalate	9.533	163	1718949	41.344	ng	100
51) 2,6-Dinitrotoluene	9.592	165	390118	42.796	ng	99
52) Acenaphthene	9.839	154	1477403	40.745	ng	99
53) 3-Nitroaniline	9.757	138	454360	43.801	ng	98
54) 2,4-Dinitrophenol	9.857	184	151949	42.791	ng	96
55) Dibenzofuran	10.010	168	2078328	40.400	ng	99
56) 4-Nitrophenol	9.904	139	341633	44.336	ng	88
57) 2,4-Dinitrotoluene	9.992	165	498282	44.290	ng	96
58) Fluorene	10.357	166	1486369	39.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	406055	41.496	ng	99
60) Diethylphthalate	10.233	149	1620899	41.721	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	766894	40.010	ng	92
62) 4-Nitroaniline	10.374	138	436062	43.736	ng	99
63) Azobenzene	10.510	77	1772235	40.837	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	212275	42.323	ng	98
66) n-Nitrosodiphenylamine	10.469	169	1383997	40.577	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	486263	40.661	ng	99
68) Hexachlorobenzene	10.904	284	506068	40.789	ng	99
69) Atrazine	10.992	200	410192	43.026	ng	98
70) Pentachlorophenol	11.092	266	346629	43.295	ng	99
71) Phenanthrene	11.316	178	2230910	39.603	ng	100
72) Anthracene	11.363	178	2319253	40.218	ng	100
73) Carbazole	11.516	167	2032640	40.737	ng	100
74) Di-n-butylphthalate	11.857	149	2329423	43.549	ng	100
75) Fluoranthene	12.498	202	2303763	41.124	ng	99
77) Benzidine	12.615	184	507826	46.353	ng	98
78) Pyrene	12.727	202	2340188	40.694	ng	100
80) Butylbenzylphthalate	13.351	149	555459	40.878	ng	96
81) Benzo(a)anthracene	13.915	228	2011430	42.055	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	536318	46.356	ng	100
83) Chrysene	13.951	228	1946412	40.944	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	859970	47.275	ng	99
85) Di-n-octyl phthalate	14.533	149	1591043	41.273	ng	99
87) Indeno(1,2,3-cd)pyrene	16.750	276	1745233	42.024	ng	100
88) Benzo(b)fluoranthene	14.945	252	1834153	40.513	ng	100
89) Benzo(k)fluoranthene	14.974	252	1859698	41.236	ng	100
90) Benzo(a)pyrene	15.298	252	1757661	42.496	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1478649	41.786	ng	98
92) Benzo(g,h,i)perylene	17.174	276	1378590	40.690	ng	99

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

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