Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
Data File : BF133958.D
Acq On : 26 Jun 2023 18:12
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 26 23:06:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 22:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	138537	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	504202	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	246704	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	494791	20.000	ng	0.00
76) Chrysene-d12	14.045	240	242439	20.000	ng	0.00
86) Perylene-d12	15.545	264	244365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	745346	89.997	ng	0.00
7) Phenol-d6	6.493	99	929235	91.235	ng	0.00
23) Nitrobenzene-d5	7.422	82	875502	93.602	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	289295	93.527	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1532954	90.341	ng	0.00
79) Terphenyl-d14	12.980	244	1471893	97.711	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	155217	45.453	ng	98
3) Pyridine	3.416	79	418782	46.925	ng	99
4) n-Nitrosodimethylamine	3.387	42	240028	47.248	ng	99
6) Aniline	6.522	93	584685	47.175	ng	99
8) 2-Chlorophenol	6.640	128	389382	46.316	ng	100
9) Benzaldehyde	6.410	77	252697	47.436	ng	99
10) Phenol	6.510	94	489136	45.676	ng	93
11) bis(2-Chloroethyl)ether	6.593	93	367066	46.558	ng	98
12) 1,3-Dichlorobenzene	6.793	146	410049	45.749	ng	99
13) 1,4-Dichlorobenzene	6.869	146	416520	46.009	ng	100
14) 1,2-Dichlorobenzene	7.022	146	386065	45.534	ng	99
15) Benzyl Alcohol	6.998	79	359843	45.829	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	662535	47.500	ng	98
17) 2-Methylphenol	7.104	107	354966	47.150	ng	99
18) Hexachloroethane	7.363	117	155344	46.278	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	282376	43.718	ng	96
20) 3+4-Methylphenols	7.263	107	407499	44.617	ng	93
22) Acetophenone	7.263	105	513744	44.803	ng	97
24) Nitrobenzene	7.440	77	443552	46.927	ng	97
25) Isophorone	7.675	82	798262	46.959	ng	99
26) 2-Nitrophenol	7.751	139	221791	48.915	ng	98
27) 2,4-Dimethylphenol	7.787	122	334044	46.541	ng	99
28) bis(2-Chloroethoxy)met...	7.887	93	457550	46.484	ng	99
29) 2,4-Dichlorophenol	7.992	162	332100	46.662	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	337483	45.955	ng	99
31) Naphthalene	8.157	128	1110159	45.583	ng	99
32) Benzoic acid	7.916	122	275719m	52.277	ng	
33) 4-Chloroaniline	8.204	127	490308	47.064	ng	99
34) Hexachlorobutadiene	8.269	225	217251	46.897	ng	99
35) Caprolactam	8.592	113	111418	47.545	ng	97
36) 4-Chloro-3-methylphenol	8.687	107	369996	46.276	ng	98
37) 2-Methylnaphthalene	8.845	142	767863	44.585	ng	99
38) 1-Methylnaphthalene	8.945	142	713927	44.590	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	346767	47.444	ng	100
41) Hexachlorocyclopentadiene	8.998	237	182942	52.759	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	240876	48.412	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	279946	47.833	ng	94
46) 1,1'-Biphenyl	9.310	154	930032	46.996	ng	99
47) 2-Chloronaphthalene	9.339	162	682302	47.122	ng	99
48) 2-Nitroaniline	9.434	65	260449	49.356	ng	98
49) Acenaphthylene	9.757	152	1172330	47.397	ng	99
50) Dimethylphthalate	9.616	163	847450	47.322	ng	99
51) 2,6-Dinitrotoluene	9.681	165	187146	48.519	ng	96
52) Acenaphthene	9.928	154	671503	46.787	ng	98
53) 3-Nitroaniline	9.851	138	219563	47.449	ng	98
54) 2,4-Dinitrophenol	9.957	184	104235	48.398	ng	97
55) Dibenzofuran	10.098	168	1043456	46.520	ng	100
56) 4-Nitrophenol	10.010	139	163293	50.450	ng	99
57) 2,4-Dinitrotoluene	10.086	165	244199	47.940	ng	97
58) Fluorene	10.445	166	794978	45.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	220483	47.759	ng	98
60) Diethylphthalate	10.316	149	872503	46.764	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	384149	45.679	ng	98
62) 4-Nitroaniline	10.469	138	228366	48.970	ng	99
63) Azobenzene	10.598	77	837354	47.446	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	139123	51.573	ng	88
66) n-Nitrosodiphenylamine	10.557	169	725318	45.881	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	245576	46.696	ng	97
68) Hexachlorobenzene	10.992	284	261285	46.793	ng	99
69) Atrazine	11.086	200	199180	45.550	ng	99
70) Pentachlorophenol	11.186	266	165958	49.708	ng	99
71) Phenanthrene	11.410	178	1148857	46.123	ng	100
72) Anthracene	11.463	178	1176893	45.426	ng	99
73) Carbazole	11.622	167	1007298	42.478	ng	99
74) Di-n-butylphthalate	11.951	149	1214261	43.059	ng	100
75) Fluoranthene	12.604	202	1136699	42.212	ng	100
77) Benzidine	12.727	184	274181	47.529	ng	98
78) Pyrene	12.839	202	1133825	50.253	ng	100
80) Butylbenzylphthalate	13.457	149	415250	49.073	ng	99
81) Benzo(a)anthracene	14.033	228	795350	47.304	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	249747	46.884	ng	99
83) Chrysene	14.069	228	763387	46.877	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	475731	48.927	ng	99
85) Di-n-octyl phthalate	14.639	149	720455	50.427	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	943918	55.667	ng	99
88) Benzo(b)fluoranthene	15.104	252	653614	45.488	ng	100
89) Benzo(k)fluoranthene	15.133	252	667469	45.624	ng	99
90) Benzo(a)pyrene	15.486	252	654769	47.124	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	766526	55.345	ng	99
92) Benzo(g,h,i)perylene	17.574	276	791765	55.436	ng	100

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

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