Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
Data File : BF135904.D
Acq On : 20 Oct 2023 12:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 14:07:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.733	152	98486	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	362745	20.000	ng		0.00
39) Acenaphthene-d10	9.774	164	150392	20.000	ng		-0.01
64) Phenanthrene-d10	11.268	188	300698	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	186584	20.000	ng		-0.01
86) Perylene-d12	15.409	264	151334	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	520549	84.978	ng		0.00
7) Phenol-d6	6.398	99	578472	75.685	ng		0.00
23) Nitrobenzene-d5	7.310	82	549130	83.259	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	129080	89.444	ng		-0.01
45) 2-Fluorobiphenyl	9.098	172	900282	93.595	ng		0.00
79) Terphenyl-d14	12.868	244	934718	92.774	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.428	88	149112	50.466	ng		100
3) Pyridine	3.175	79	257700	35.547	ng		98
4) n-Nitrosodimethylamine	3.157	42	147069	37.723	ng		95
6) Aniline	6.410	93	364725	37.919	ng	#	70
8) 2-Chlorophenol	6.528	128	257508	38.982	ng		99
9) Benzaldehyde	6.298	77	162580	37.373	ng		99
10) Phenol	6.410	94	307723	38.424	ng		99
11) bis(2-Chloroethyl)ether	6.481	93	244770	37.931	ng		99
12) 1,3-Dichlorobenzene	6.675	146	264957	39.564	ng		98
13) 1,4-Dichlorobenzene	6.751	146	263419	38.829	ng		100
14) 1,2-Dichlorobenzene	6.904	146	237634	38.903	ng		99
15) Benzyl Alcohol	6.892	79	205414	40.420	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	422012	36.160	ng		90
17) 2-Methylphenol	7.010	107	217437	38.023	ng		96
18) Hexachloroethane	7.233	117	96181	39.102	ng		95
19) n-Nitroso-di-n-propyla...	7.157	70	174177	36.856	ng		98
20) 3+4-Methylphenols	7.163	107	271242	38.048	ng		92
22) Acetophenone	7.157	105	342713	41.195	ng	#	97
24) Nitrobenzene	7.328	77	273460	41.312	ng		99
25) Isophorone	7.563	82	500938	40.259	ng		99
26) 2-Nitrophenol	7.639	139	134619	41.673	ng		96
27) 2,4-Dimethylphenol	7.686	122	220448	41.454	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	301922	40.745	ng		99
29) 2,4-Dichlorophenol	7.886	162	209504	42.039	ng		96
30) 1,2,4-Trichlorobenzene	7.957	180	215238	42.227	ng		99
31) Naphthalene	8.039	128	726768	41.076	ng		99
32) Benzoic acid	7.851	122	160183m	44.499	ng		
33) 4-Chloroaniline	8.098	127	316798	40.989	ng		99
34) Hexachlorobutadiene	8.145	225	128963	42.745	ng		100
35) Caprolactam	8.492	113	66387m	38.967	ng		
36) 4-Chloro-3-methylphenol	8.592	107	228660	41.374	ng		98
37) 2-Methylnaphthalene	8.727	142	484240	41.540	ng		100
38) 1-Methylnaphthalene	8.827	142	445475	41.433	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	222588	51.452	ng		99
41) Hexachlorocyclopentadiene	8.874	237	19025	40.024	ng		96
43) 2,4,6-Trichlorophenol	9.022	196	140355	50.347	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	153156	47.235	ng	99
46) 1,1'-Biphenyl	9.198	154	469339	40.740	ng	99
47) 2-Chloronaphthalene	9.222	162	332675	40.069	ng	100
48) 2-Nitroaniline	9.333	65	132239	40.351	ng	96
49) Acenaphthylene	9.639	152	557816	40.598	ng	100
50) Dimethylphthalate	9.504	163	405981	39.988	ng	99
51) 2,6-Dinitrotoluene	9.580	165	88834	40.689	ng	91
52) Acenaphthene	9.810	154	361264	43.867	ng	99
53) 3-Nitroaniline	9.751	138	106897	39.941	ng	96
54) 2,4-Dinitrophenol	9.874	184	52043	57.106	ng	86
55) Dibenzofuran	9.986	168	550710	44.319	ng	97
56) 4-Nitrophenol	9.945	139	35174	32.207	ng	96
57) 2,4-Dinitrotoluene	9.992	165	127271	45.822	ng	90
58) Fluorene	10.327	166	402895	41.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	106350	43.401	ng	100
60) Diethylphthalate	10.204	149	459083	44.294	ng	100
61) 4-Chlorophenyl-phenyle...	10.316	204	197353	41.975	ng	99
62) 4-Nitroaniline	10.374	138	107409	43.619	ng	96
63) Azobenzene	10.480	77	443946	44.087	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	62536	41.324	ng	98
66) n-Nitrosodiphenylamine	10.445	169	392679	42.845	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	129398	42.869	ng	98
68) Hexachlorobenzene	10.880	284	128717	41.884	ng	98
69) Atrazine	10.974	200	102640	41.172	ng	99
70) Pentachlorophenol	11.086	266	47696	39.351	ng	96
71) Phenanthrene	11.298	178	602376	41.818	ng	99
72) Anthracene	11.351	178	618543	41.438	ng	100
73) Carbazole	11.515	167	574434	41.263	ng	99
74) Di-n-butylphthalate	11.833	149	724500	42.388	ng	100
75) Fluoranthene	12.492	202	660746	41.329	ng	99
77) Benzidine	12.621	184	167812	41.217	ng	98
78) Pyrene	12.727	202	662746	44.699	ng	99
80) Butylbenzylphthalate	13.345	149	289982	44.507	ng	93
81) Benzo(a)anthracene	13.927	228	519379	42.379	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	161947	39.844	ng	99
83) Chrysene	13.962	228	483983	40.772	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	384018	43.487	ng	99
85) Di-n-octyl phthalate	14.521	149	534688	38.184	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	378668	45.922	ng	97
88) Benzo(b)fluoranthene	14.980	252	347627	41.044	ng	97
89) Benzo(k)fluoranthene	15.009	252	365480	44.447	ng	98
90) Benzo(a)pyrene	15.351	252	335061	42.070	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	312359	46.209	ng	99
92) Benzo(g,h,i)perylene	17.368	276	320002	46.086	ng	98

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

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