Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135421.D
Acq On : 25 Sep 2023 12:09
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 26 01:36:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/26/2023
Supervised By :Jagrut Upadhyay
09/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	166823	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	645795	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	312965	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	590871	20.000	ng		0.00
76) Chrysene-d12	13.945	240	299806	20.000	ng		0.00
86) Perylene-d12	15.404	264	291557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	814829	79.442	ng		0.00
7) Phenol-d6	6.404	99	1010873	77.508	ng		0.00
23) Nitrobenzene-d5	7.322	82	919736	77.375	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	212935	68.465	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1471625	70.943	ng		0.00
79) Terphenyl-d14	12.880	244	1370467	70.862	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	206064	45.829	ng		91
3) Pyridine	3.199	79	557652	46.081	ng		95
4) n-Nitrosodimethylamine	3.169	42	265846	41.398	ng		92
6) Aniline	6.422	93	655073	38.302	ng	#	75
8) 2-Chlorophenol	6.545	128	431877	39.443	ng		96
9) Benzaldehyde	6.310	77	295552	39.779	ng		98
10) Phenol	6.416	94	543054	37.972	ng		88
11) bis(2-Chloroethyl)ether	6.498	93	437792	40.810	ng		100
12) 1,3-Dichlorobenzene	6.693	146	429954	38.638	ng		98
13) 1,4-Dichlorobenzene	6.775	146	430345	38.012	ng		98
14) 1,2-Dichlorobenzene	6.922	146	392612	37.343	ng		100
15) Benzyl Alcohol	6.904	79	329649	35.223	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	785868	38.865	ng		93
17) 2-Methylphenol	7.022	107	371549	38.453	ng		97
18) Hexachloroethane	7.257	117	161750	38.667	ng		89
19) n-Nitroso-di-n-propyla...	7.175	70	281451	34.840	ng		96
20) 3+4-Methylphenols	7.175	107	430382	37.043	ng	#	85
22) Acetophenone	7.169	105	538545	36.476	ng		98
24) Nitrobenzene	7.340	77	470090	40.012	ng		100
25) Isophorone	7.581	82	839697	38.471	ng		98
26) 2-Nitrophenol	7.657	139	227606	40.364	ng		93
27) 2,4-Dimethylphenol	7.698	122	376351	39.708	ng		95
28) bis(2-Chloroethoxy)met...	7.787	93	519559	39.770	ng		99
29) 2,4-Dichlorophenol	7.898	162	340657	38.788	ng		99
30) 1,2,4-Trichlorobenzene	7.975	180	343313	37.399	ng		99
31) Naphthalene	8.057	128	1196082	38.119	ng		100
32) Benzoic acid	7.828	122	273920m	38.380	ng		
33) 4-Chloroaniline	8.110	127	532151	38.655	ng		98
34) Hexachlorobutadiene	8.169	225	200601	36.241	ng		99
35) Caprolactam	8.492	113	122398	41.525	ng	#	86
36) 4-Chloro-3-methylphenol	8.604	107	370807	37.988	ng		93
37) 2-Methylnaphthalene	8.751	142	773621	36.679	ng		98
38) 1-Methylnaphthalene	8.845	142	728140	36.874	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	347408	38.316	ng		98
41) Hexachlorocyclopentadiene	8.898	237	145254	40.386	ng		99
43) 2,4,6-Trichlorophenol	9.034	196	229842	38.717	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	268583	39.287	ng		97
46) 1,1'-Biphenyl	9.216	154	918820	38.203	ng		98
47) 2-Chloronaphthalene	9.239	162	671323	38.471	ng		98
48) 2-Nitroaniline	9.345	65	278683	41.107	ng		97
49) Acenaphthylene	9.657	152	1084759	37.404	ng		99
50) Dimethylphthalate	9.522	163	787799	37.231	ng		100
51) 2,6-Dinitrotoluene	9.586	165	181020	39.052	ng		92
52) Acenaphthene	9.828	154	651445	38.024	ng		98
53) 3-Nitroaniline	9.757	138	226612	41.648	ng		98
54) 2,4-Dinitrophenol	9.875	184	85525	36.210	ng		92
55) Dibenzofuran	9.998	168	939707	35.944	ng		99
56) 4-Nitrophenol	9.933	139	128007	37.016	ng		91
57) 2,4-Dinitrotoluene	9.998	165	208148	35.869	ng	#	88
58) Fluorene	10.345	166	737476	36.694	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	197541	37.563	ng		97
60) Diethylphthalate	10.222	149	788792	37.145	ng		100
61) 4-Chlorophenyl-phenyle...	10.333	204	346101	35.849	ng		97
62) 4-Nitroaniline	10.375	138	222159	42.476	ng		96
63) Azobenzene	10.498	77	825934	39.741	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	122640	39.078	ng		90
66) n-Nitrosodiphenylamine	10.457	169	688504	38.489	ng		99
67) 4-Bromophenyl-phenylether	10.828	248	219514	37.354	ng		99
68) Hexachlorobenzene	10.892	284	217488	36.327	ng	#	90
69) Atrazine	10.992	200	170928	35.512	ng		98
70) Pentachlorophenol	11.092	266	132990	37.127	ng		96
71) Phenanthrene	11.310	178	1072234	38.369	ng		99
72) Anthracene	11.363	178	1108961	38.606	ng		100
73) Carbazole	11.522	167	1046945	40.037	ng		99
74) Di-n-butylphthalate	11.851	149	1191235	38.660	ng		100
75) Fluoranthene	12.504	202	1123621	38.587	ng		98
77) Benzidine	12.633	184	235114	38.279	ng		99
78) Pyrene	12.733	202	1139418	39.918	ng		100
80) Butylbenzylphthalate	13.357	149	415476	41.342	ng		95
81) Benzo(a)anthracene	13.933	228	747172	38.595	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	243471	40.264	ng		98
83) Chrysene	13.969	228	743291	38.617	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	462990	44.894	ng		98
85) Di-n-octyl phthalate	14.539	149	695998	42.467	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	791341	41.396	ng		95
88) Benzo(b)fluoranthene	14.980	252	596056	37.766	ng		98
89) Benzo(k)fluoranthene	15.010	252	600210	38.498	ng		99
90) Benzo(a)pyrene	15.345	252	599672	39.842	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	644584	41.210	ng		98
92) Benzo(g,h,i)perylene	17.333	276	691752	42.347	ng		96

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

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