Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135443.D
Acq On : 26 Sep 2023 10:12
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 02:04:30 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 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	170216	20.000	ng		0.00
21) Naphthalene-d8	8.033	136	676244	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	337392	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	630009	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	305996	20.000	ng		0.00
86) Perylene-d12	15.409	264	317141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	846046	80.841	ng		0.00
7) Phenol-d6	6.404	99	1056630	79.401	ng		0.00
23) Nitrobenzene-d5	7.327	82	972054	78.095	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	218375	65.131	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1553008	69.446	ng		0.00
79) Terphenyl-d14	12.880	244	1440498	72.976	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	213170	46.464	ng		91
3) Pyridine	3.204	79	586354	47.487	ng		95
4) n-Nitrosodimethylamine	3.175	42	278396	42.488	ng		92
6) Aniline	6.428	93	688604	39.460	ng		97
8) 2-Chlorophenol	6.545	128	450714	40.343	ng		98
9) Benzaldehyde	6.316	77	310524	40.961	ng		98
10) Phenol	6.422	94	570537	39.099	ng	#	73
11) bis(2-Chloroethyl)ether	6.498	93	464186	42.408	ng		98
12) 1,3-Dichlorobenzene	6.698	146	448487	39.500	ng		97
13) 1,4-Dichlorobenzene	6.775	146	449399	38.904	ng		98
14) 1,2-Dichlorobenzene	6.927	146	410167	38.235	ng		97
15) Benzyl Alcohol	6.904	79	339178	35.519	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.033	45	823174	39.898	ng		89
17) 2-Methylphenol	7.022	107	389557	39.513	ng		96
18) Hexachloroethane	7.263	117	169910	39.808	ng		95
19) n-Nitroso-di-n-propyla...	7.175	70	299292	36.310	ng		94
20) 3+4-Methylphenols	7.175	107	450715	38.019	ng		92
22) Acetophenone	7.169	105	573095	37.068	ng		97
24) Nitrobenzene	7.345	77	491672	39.965	ng		96
25) Isophorone	7.580	82	914984	40.032	ng		98
26) 2-Nitrophenol	7.657	139	243414	41.224	ng		96
27) 2,4-Dimethylphenol	7.698	122	395248	39.824	ng		97
28) bis(2-Chloroethoxy)met...	7.792	93	564351	41.253	ng		99
29) 2,4-Dichlorophenol	7.904	162	362964	39.467	ng		97
30) 1,2,4-Trichlorobenzene	7.980	180	367778	38.260	ng		99
31) Naphthalene	8.057	128	1280976	38.987	ng		99
32) Benzoic acid	7.833	122	279376m	37.382	ng		
33) 4-Chloroaniline	8.116	127	568009	39.402	ng		99
34) Hexachlorobutadiene	8.169	225	207731	35.839	ng		99
35) Caprolactam	8.492	113	131154	42.492	ng		97
36) 4-Chloro-3-methylphenol	8.604	107	397515	38.891	ng		97
37) 2-Methylnaphthalene	8.751	142	823578	37.289	ng		99
38) 1-Methylnaphthalene	8.851	142	766543	37.071	ng		100
40) 1,2,4,5-Tetrachloroben...	8.916	216	366854	37.532	ng		99
41) Hexachlorocyclopentadiene	8.898	237	153937	39.827	ng		100
43) 2,4,6-Trichlorophenol	9.033	196	245107	38.299	ng		97

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44) 2,4,5-Trichlorophenol	9.080	196	288089	39.089	ng		98
46) 1,1'-Biphenyl	9.216	154	979827	37.790	ng		98
47) 2-Chloronaphthalene	9.239	162	719595	38.251	ng		98
48) 2-Nitroaniline	9.345	65	294792	40.335	ng		98
49) Acenaphthylene	9.657	152	1165010	37.263	ng		99
50) Dimethylphthalate	9.521	163	876327	38.417	ng		100
51) 2,6-Dinitrotoluene	9.592	165	193038	38.629	ng	#	83
52) Acenaphthene	9.827	154	697299	37.754	ng		98
53) 3-Nitroaniline	9.763	138	242423	41.328	ng		91
54) 2,4-Dinitrophenol	9.874	184	88289	34.939	ng		92
55) Dibenzofuran	10.004	168	997701	35.399	ng		98
56) 4-Nitrophenol	9.939	139	128572	34.488	ng		88
57) 2,4-Dinitrotoluene	9.998	165	220794	35.293	ng	#	81
58) Fluorene	10.345	166	790879	36.502	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	205063	36.170	ng		99
60) Diethylphthalate	10.221	149	843757	36.857	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	366335	35.197	ng		94
62) 4-Nitroaniline	10.380	138	238557	42.309	ng		91
63) Azobenzene	10.498	77	895378	39.963	ng		97
65) 4,6-Dinitro-2-methylph...	10.410	198	131785	39.384	ng		96
66) n-Nitrosodiphenylamine	10.463	169	736357	38.607	ng		100
67) 4-Bromophenyl-phenylether	10.827	248	235673	37.612	ng		93
68) Hexachlorobenzene	10.898	284	234402	36.720	ng		98
69) Atrazine	10.992	200	186730	36.385	ng		97
70) Pentachlorophenol	11.098	266	137747	36.066	ng		96
71) Phenanthrene	11.315	178	1125334	37.767	ng		99
72) Anthracene	11.362	178	1181245	38.568	ng		100
73) Carbazole	11.527	167	1115348	40.004	ng		99
74) Di-n-butylphthalate	11.857	149	1281964	39.020	ng		100
75) Fluoranthene	12.504	202	1178003	37.941	ng		97
77) Benzidine	12.633	184	262289	41.840	ng		99
78) Pyrene	12.739	202	1191005	40.881	ng		99
80) Butylbenzylphthalate	13.362	149	457436	44.596	ng		100
81) Benzo(a)anthracene	13.933	228	778549	39.402	ng		100
82) 3,3'-Dichlorobenzidine	13.898	252	249838	40.481	ng	#	98
83) Chrysene	13.974	228	775523	39.477	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	516928	49.111	ng		99
85) Di-n-octyl phthalate	14.539	149	787830	47.098	ng		100
87) Indeno(1,2,3-cd)pyrene	16.897	276	842834	40.533	ng		96
88) Benzo(b)fluoranthene	14.986	252	637379	37.126	ng		97
89) Benzo(k)fluoranthene	15.015	252	610599m	36.005	ng		
90) Benzo(a)pyrene	15.350	252	636845	38.898	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	681778	40.072	ng		98
92) Benzo(g,h,i)perylene	17.344	276	730786	41.128	ng		97

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

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