Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
Data File : BF136634.D
Acq On : 19 Dec 2023 17:09
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 04:12:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 04:11:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	75706	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	303454	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	160892	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	293535	20.000	ng	0.00
76) Chrysene-d12	13.974	240	148300	20.000	ng	0.00
86) Perylene-d12	15.451	264	129733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	386175	79.197	ng	0.00
7) Phenol-d6	6.445	99	495582	79.409	ng	0.00
23) Nitrobenzene-d5	7.363	82	474546	81.207	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148885	79.356	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	939595	79.788	ng	0.00
79) Terphenyl-d14	12.916	244	890094	84.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	79274	39.609	ng	100
3) Pyridine	3.316	79	193241	39.344	ng	100
4) n-Nitrosodimethylamine	3.287	42	105049	39.596	ng	100
6) Aniline	6.463	93	245714	39.572	ng	100
8) 2-Chlorophenol	6.587	128	213578	40.062	ng	100
9) Benzaldehyde	6.351	77	138856	37.052	ng	100
10) Phenol	6.457	94	260433	39.145	ng	100
11) bis(2-Chloroethyl)ether	6.539	93	210669	41.047	ng	100
12) 1,3-Dichlorobenzene	6.739	146	229692	39.707	ng	100
13) 1,4-Dichlorobenzene	6.816	146	231723	39.455	ng	100
14) 1,2-Dichlorobenzene	6.969	146	216097	39.422	ng	100
15) Benzyl Alcohol	6.945	79	176708	40.663	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	338835	40.355	ng	100
17) 2-Methylphenol	7.057	107	174334	40.186	ng	100
18) Hexachloroethane	7.304	117	86395	40.507	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	155613	40.217	ng	100
20) 3+4-Methylphenols	7.210	107	216331	39.602	ng	100
22) Acetophenone	7.204	105	302240	39.811	ng	100
24) Nitrobenzene	7.381	77	239204	40.323	ng	100
25) Isophorone	7.616	82	442593	40.602	ng	100
26) 2-Nitrophenol	7.692	139	115994	41.266	ng	100
27) 2,4-Dimethylphenol	7.734	122	140217	39.717	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	268609	40.714	ng	100
29) 2,4-Dichlorophenol	7.939	162	178520	40.791	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	199964	40.605	ng	100
31) Naphthalene	8.098	128	668858	40.340	ng	100
32) Benzoic acid	7.869	122	137973m	41.662	ng	
33) 4-Chloroaniline	8.151	127	249983	40.511	ng	100
34) Hexachlorobutadiene	8.210	225	122523	40.696	ng	100
35) Caprolactam	8.528	113	56543	38.641	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	204673	41.084	ng	100
37) 2-Methylnaphthalene	8.786	142	430607	40.414	ng	100
38) 1-Methylnaphthalene	8.886	142	422147	40.206	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	199612	40.884	ng	100
41) Hexachlorocyclopentadiene	8.933	237	62748	40.944	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	131764	41.151	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	146812	41.593	ng	100
46) 1,1'-Biphenyl	9.251	154	544859	40.509	ng	100
47) 2-Chloronaphthalene	9.280	162	414573	40.816	ng	100
48) 2-Nitroaniline	9.375	65	129116	40.203	ng	100
49) Acenaphthylene	9.692	152	630611	40.428	ng	100
50) Dimethylphthalate	9.557	163	458757	39.761	ng	100
51) 2,6-Dinitrotoluene	9.622	165	103370	39.318	ng	100
52) Acenaphthene	9.863	154	384084	39.822	ng	100
53) 3-Nitroaniline	9.792	138	111199	39.367	ng	100
54) 2,4-Dinitrophenol	9.898	184	56300	41.985	ng	100
55) Dibenzofuran	10.039	168	582961	40.090	ng	100
56) 4-Nitrophenol	9.957	139	79058	41.037	ng	100
57) 2,4-Dinitrotoluene	10.027	165	136142	40.217	ng	100
58) Fluorene	10.380	166	456837	39.577	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109651	39.904	ng	100
60) Diethylphthalate	10.257	149	473233	39.445	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	220658	39.692	ng	100
62) 4-Nitroaniline	10.410	138	110081	39.390	ng	100
63) Azobenzene	10.533	77	453147	40.429	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	76335	44.045	ng	100
66) n-Nitrosodiphenylamine	10.498	169	396599	41.113	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	137765	41.992	ng	100
68) Hexachlorobenzene	10.927	284	151974	41.516	ng	100
69) Atrazine	11.022	200	80025	34.914	ng	100
70) Pentachlorophenol	11.127	266	78120	43.906	ng	100
71) Phenanthrene	11.345	178	609943	40.229	ng	100
72) Anthracene	11.398	178	618490	40.349	ng	100
73) Carbazole	11.557	167	569307	39.646	ng	100
74) Di-n-butylphthalate	11.886	149	708139	40.361	ng	100
75) Fluoranthene	12.539	202	631508	39.085	ng	100
77) Benzidine	12.663	184	160370	39.112	ng	100
78) Pyrene	12.768	202	638843	43.668	ng	100
80) Butylbenzylphthalate	13.392	149	221947	42.734	ng	100
81) Benzo(a)anthracene	13.963	228	419168	40.767	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	115163	41.356	ng	100
83) Chrysene	13.998	228	408101	41.081	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	281459	43.356	ng	100
85) Di-n-octyl phthalate	14.574	149	438560	43.347	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	403774	43.772	ng	100
88) Benzo(b)fluoranthene	15.015	252	361299	41.474	ng	100
89) Benzo(k)fluoranthene	15.045	252	317924	39.022	ng	100
90) Benzo(a)pyrene	15.386	252	298395	40.532	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	332242	43.929	ng	100
92) Benzo(g,h,i)perylene	17.409	276	346138	44.478	ng	100

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

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