Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
Data File : BF136635.D
Acq On : 19 Dec 2023 17:40
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 04:13:20 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 :
SSTDICC050

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	75170	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	302350	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	156681	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	296672	20.000	ng		0.00
76) Chrysene-d12	13.974	240	158977	20.000	ng		0.00
86) Perylene-d12	15.451	264	147152	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	458153	94.628	ng		0.00
7) Phenol-d6	6.445	99	582835	94.056	ng		0.00
23) Nitrobenzene-d5	7.363	82	555088	95.337	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	172273	94.289	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1065118	92.878	ng		0.00
79) Terphenyl-d14	12.916	244	1047283	92.765	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	94780	47.694	ng		97
3) Pyridine	3.316	79	239131	49.035	ng		96
4) n-Nitrosodimethylamine	3.287	42	127609	48.443	ng		93
6) Aniline	6.463	93	289603	46.973	ng	#	64
8) 2-Chlorophenol	6.587	128	248460	46.938	ng		98
9) Benzaldehyde	6.351	77	147018	39.510	ng		96
10) Phenol	6.457	94	313708	47.489	ng		100
11) bis(2-Chloroethyl)ether	6.540	93	241784	47.445	ng		99
12) 1,3-Dichlorobenzene	6.740	146	270598	47.112	ng		98
13) 1,4-Dichlorobenzene	6.816	146	274650	47.098	ng		99
14) 1,2-Dichlorobenzene	6.969	146	257852	47.374	ng		99
15) Benzyl Alcohol	6.945	79	205203	47.557	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	392999	47.140	ng		99
17) 2-Methylphenol	7.057	107	205124	47.621	ng		98
18) Hexachloroethane	7.304	117	100317	47.370	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	178883	46.560	ng		97
20) 3+4-Methylphenols	7.210	107	252007	46.461	ng		98
22) Acetophenone	7.210	105	352180	46.558	ng	#	97
24) Nitrobenzene	7.381	77	278393	47.100	ng		98
25) Isophorone	7.616	82	502521	46.268	ng		99
26) 2-Nitrophenol	7.692	139	135129	48.249	ng		98
27) 2,4-Dimethylphenol	7.734	122	163367	46.443	ng		97
28) bis(2-Chloroethoxy)met...	7.828	93	307570	46.790	ng		100
29) 2,4-Dichlorophenol	7.939	162	207217	47.521	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	226255	46.111	ng		99
31) Naphthalene	8.098	128	764490	46.276	ng		100
32) Benzoic acid	7.875	122	172760m	52.357	ng		
33) 4-Chloroaniline	8.151	127	287562	46.771	ng		99
34) Hexachlorobutadiene	8.210	225	139214	46.408	ng		99
35) Caprolactam	8.534	113	68595	47.049	ng		93
36) 4-Chloro-3-methylphenol	8.639	107	233676	47.077	ng		94
37) 2-Methylnaphthalene	8.786	142	488000	45.968	ng		100
38) 1-Methylnaphthalene	8.886	142	477671	45.660	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	226415	47.620	ng		100
41) Hexachlorocyclopentadiene	8.934	237	74148	48.499	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	149042	47.799	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	163658	47.611	ng	98
46) 1,1'-Biphenyl	9.251	154	609607	46.541	ng	98
47) 2-Chloronaphthalene	9.281	162	468439	47.359	ng	99
48) 2-Nitroaniline	9.375	65	150870	48.239	ng	98
49) Acenaphthylene	9.692	152	712656	46.916	ng	99
50) Dimethylphthalate	9.557	163	529371	47.115	ng	100
51) 2,6-Dinitrotoluene	9.622	165	121745	47.552	ng	99
52) Acenaphthene	9.863	154	442974	47.162	ng	98
53) 3-Nitroaniline	9.792	138	129813	47.192	ng	96
54) 2,4-Dinitrophenol	9.898	184	66961	51.278	ng	97
55) Dibenzofuran	10.039	168	658628	46.510	ng	98
56) 4-Nitrophenol	9.963	139	92393	49.248	ng	92
57) 2,4-Dinitrotoluene	10.028	165	157694	47.836	ng	95
58) Fluorene	10.380	166	520827	46.333	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128195	47.906	ng	98
60) Diethylphthalate	10.257	149	550591	47.126	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	247197	45.661	ng	99
62) 4-Nitroaniline	10.410	138	129559	47.605	ng	99
63) Azobenzene	10.533	77	519498	47.595	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	90046	51.407	ng	94
66) n-Nitrosodiphenylamine	10.498	169	453285	46.493	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	156341	47.151	ng	98
68) Hexachlorobenzene	10.927	284	173380	46.863	ng	99
69) Atrazine	11.022	200	84395	36.431	ng	99
70) Pentachlorophenol	11.127	266	88995	49.489	ng	97
71) Phenanthrene	11.345	178	709806	46.321	ng	99
72) Anthracene	11.398	178	715092	46.158	ng	100
73) Carbazole	11.557	167	657634	45.313	ng	100
74) Di-n-butylphthalate	11.886	149	837764	47.245	ng	100
75) Fluoranthene	12.539	202	734139	44.957	ng	99
77) Benzidine	12.663	184	155384	35.351	ng	97
78) Pyrene	12.769	202	735274	46.884	ng	99
80) Butylbenzylphthalate	13.392	149	273216	49.072	ng	100
81) Benzo(a)anthracene	13.963	228	503413	45.672	ng	96
82) 3,3'-Dichlorobenzidine	13.927	252	137400	46.028	ng	99
83) Chrysene	13.998	228	502506	47.187	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	351511	50.511	ng	99
85) Di-n-octyl phthalate	14.574	149	569362	52.496	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	541709	51.774	ng	99
88) Benzo(b)fluoranthene	15.015	252	464073	46.965	ng	99
89) Benzo(k)fluoranthene	15.051	252	418980	45.338	ng	98
90) Benzo(a)pyrene	15.392	252	396360	47.465	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	441702	51.488	ng	99
92) Benzo(g,h,i)perylene	17.415	276	458694	51.964	ng	100

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

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