Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136165.D
Acq On : 06 Nov 2023 21:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 23:31:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	76241	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	274594	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	132080	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	205918	20.000	ng		0.00
76) Chrysene-d12	14.010	240	164973	20.000	ng		0.00
86) Perylene-d12	15.498	264	159442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	382546	78.847	ng		0.00
7) Phenol-d6	6.451	99	456308	75.485	ng		0.00
23) Nitrobenzene-d5	7.387	82	411327	90.300	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	110151	78.133	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	775475	93.594	ng		0.00
79) Terphenyl-d14	12.951	244	705946	66.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	74208	35.125	ng		98
3) Pyridine	3.316	79	202531	35.121	ng		96
4) n-Nitrosodimethylamine	3.287	42	95191	39.481	ng	#	85
6) Aniline	6.487	93	288094	36.811	ng		99
8) 2-Chlorophenol	6.604	128	199082	38.380	ng		98
9) Benzaldehyde	6.375	77	129560	38.437	ng		99
10) Phenol	6.469	94	236803m	37.874	ng		
11) bis(2-Chloroethyl)ether	6.563	93	180438	36.863	ng		99
12) 1,3-Dichlorobenzene	6.763	146	209805	38.862	ng		96
13) 1,4-Dichlorobenzene	6.840	146	212892	39.349	ng		98
14) 1,2-Dichlorobenzene	6.992	146	198202	39.178	ng		99
15) Benzyl Alcohol	6.963	79	173807	40.550	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	237787	35.294	ng		99
17) 2-Methylphenol	7.075	107	166787	37.903	ng		96
18) Hexachloroethane	7.328	117	75568	39.739	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	130675	37.833	ng		95
20) 3+4-Methylphenols	7.228	107	207391	38.650	ng		94
22) Acetophenone	7.228	105	265739	43.643	ng	#	87
24) Nitrobenzene	7.404	77	202387	43.925	ng		97
25) Isophorone	7.639	82	350721	40.784	ng		99
26) 2-Nitrophenol	7.716	139	99430	47.298	ng		91
27) 2,4-Dimethylphenol	7.757	122	163957	41.273	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	208734	39.615	ng		98
29) 2,4-Dichlorophenol	7.957	162	156925	41.903	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	176280	43.149	ng		97
31) Naphthalene	8.122	128	555399	41.944	ng		99
32) Benzoic acid	7.857	122	108387m	35.545	ng		
33) 4-Chloroaniline	8.175	127	234233	40.393	ng		98
34) Hexachlorobutadiene	8.239	225	107032	45.684	ng		99
35) Caprolactam	8.539	113	46465	38.158	ng		91
36) 4-Chloro-3-methylphenol	8.651	107	165922	42.202	ng		97
37) 2-Methylnaphthalene	8.816	142	370683	41.750	ng		98
38) 1-Methylnaphthalene	8.916	142	343160	41.532	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	171642	45.567	ng		99
41) Hexachlorocyclopentadiene	8.969	237	55404	27.531	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	104497	42.547	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	120588	42.386	ng		96
46) 1,1'-Biphenyl	9.281	154	445228	44.219	ng		97
47) 2-Chloronaphthalene	9.304	162	322875	43.499	ng		98
48) 2-Nitroaniline	9.398	65	99142	45.132	ng		98
49) Acenaphthylene	9.722	152	488561	42.192	ng		99
50) Dimethylphthalate	9.581	163	392227	45.020	ng		100
51) 2,6-Dinitrotoluene	9.645	165	80188	43.034	ng		98
52) Acenaphthene	9.892	154	306635m	41.656	ng		
53) 3-Nitroaniline	9.810	138	90063	41.424	ng		92
54) 2,4-Dinitrophenol	9.916	184	22140	27.714	ng		92
55) Dibenzofuran	10.063	168	450760	41.995	ng		94
56) 4-Nitrophenol	9.963	139	57580	35.405	ng	#	71
57) 2,4-Dinitrotoluene	10.045	165	101684	43.131	ng		96
58) Fluorene	10.410	166	336610	41.885	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	86921	38.429	ng	#	96
60) Diethylphthalate	10.286	149	364960	43.843	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	173444	43.235	ng		96
62) 4-Nitroaniline	10.428	138	80602	38.499	ng		91
63) Azobenzene	10.563	77	321120	40.056	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	34832	32.862	ng		78
66) n-Nitrosodiphenylamine	10.522	169	296921	47.800	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	101752	47.131	ng		98
68) Hexachlorobenzene	10.957	284	102305	44.370	ng		94
69) Atrazine	11.051	200	70167	41.516	ng		96
70) Pentachlorophenol	11.151	266	59718	40.328	ng		98
71) Phenanthrene	11.375	178	450050	43.407	ng		99
72) Anthracene	11.427	178	452080	42.552	ng		100
73) Carbazole	11.586	167	382256	41.405	ng		99
74) Di-n-butylphthalate	11.922	149	479218	45.427	ng		99
75) Fluoranthene	12.569	202	450781	42.322	ng		98
77) Benzidine	12.698	184	140235	43.613	ng		99
78) Pyrene	12.798	202	466401	32.066	ng		99
80) Butylbenzylphthalate	13.433	149	178905	34.363	ng		96
81) Benzo(a)anthracene	13.998	228	452828	41.461	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	160521	46.049	ng		99
83) Chrysene	14.033	228	438668	40.784	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	231809	38.216	ng	#	95
85) Di-n-octyl phthalate	14.621	149	427093	47.002	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	306784	29.441	ng		97
88) Benzo(b)fluoranthene	15.057	252	416224	44.117	ng		99
89) Benzo(k)fluoranthene	15.092	252	401077m	42.965	ng		
90) Benzo(a)pyrene	15.433	252	367556	41.929	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	258459	30.280	ng	#	95
92) Benzo(g,h,i)perylene	17.468	276	232079	25.336	ng		96

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

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