Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136147.D
Acq On : 04 Nov 2023 16:06
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 01:01:58 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	111481	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	428301	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	223713	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	402732	20.000	ng	0.00
76) Chrysene-d12	14.010	240	195390	20.000	ng	0.00
86) Perylene-d12	15.498	264	275356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	543991	76.680	ng	0.00
7) Phenol-d6	6.457	99	677633	76.663	ng	0.00
23) Nitrobenzene-d5	7.387	82	611466	86.063	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	199440	83.522	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1172271	83.532	ng	0.00
79) Terphenyl-d14	12.951	244	1211958	96.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	113769	36.828	ng	97
3) Pyridine	3.304	79	305568	36.239	ng	98
4) n-Nitrosodimethylamine	3.275	42	133801	37.953	ng	90
6) Aniline	6.487	93	440985	38.534	ng	98
8) 2-Chlorophenol	6.604	128	294335	38.806	ng	98
9) Benzaldehyde	6.375	77	192665	39.090	ng	99
10) Phenol	6.469	94	375659	41.090	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	277613	38.788	ng	99
12) 1,3-Dichlorobenzene	6.763	146	312123	39.539	ng	98
13) 1,4-Dichlorobenzene	6.840	146	309606	39.135	ng	98
14) 1,2-Dichlorobenzene	6.992	146	291181	39.363	ng	99
15) Benzyl Alcohol	6.963	79	252476	40.284	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	374747	38.040	ng	99
17) 2-Methylphenol	7.075	107	247633	38.486	ng	97
18) Hexachloroethane	7.328	117	114310	41.110	ng	95
19) n-Nitroso-di-n-propyla...	7.239	70	196120	38.832	ng	99
20) 3+4-Methylphenols	7.228	107	300472	38.296	ng	99
22) Acetophenone	7.234	105	382490	40.274	ng	97
24) Nitrobenzene	7.404	77	300502	41.813	ng	95
25) Isophorone	7.639	82	549190	40.944	ng	99
26) 2-Nitrophenol	7.716	139	151699	46.264	ng	93
27) 2,4-Dimethylphenol	7.757	122	253007	40.833	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	332774	40.491	ng	97
29) 2,4-Dichlorophenol	7.957	162	245627	42.050	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	264141	41.452	ng	99
31) Naphthalene	8.122	128	852583	41.280	ng	99
32) Benzoic acid	7.869	122	184006m	38.235	ng	
33) 4-Chloroaniline	8.175	127	364813	40.334	ng	97
34) Hexachlorobutadiene	8.239	225	160759	43.991	ng	99
35) Caprolactam	8.551	113	78217	41.181	ng	93
36) 4-Chloro-3-methylphenol	8.651	107	258923	42.222	ng	96
37) 2-Methylnaphthalene	8.816	142	572586	41.346	ng	100
38) 1-Methylnaphthalene	8.916	142	543698	42.188	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	262909	41.208	ng	99
41) Hexachlorocyclopentadiene	8.969	237	133047	39.033	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	171190	41.152	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	200022	41.509	ng		95
46) 1,1'-Biphenyl	9.281	154	708258	41.530	ng		99
47) 2-Chloronaphthalene	9.304	162	513541	40.847	ng		98
48) 2-Nitroaniline	9.404	65	162733	43.737	ng		94
49) Acenaphthylene	9.722	152	814642	41.536	ng		99
50) Dimethylphthalate	9.586	163	625348	42.378	ng		100
51) 2,6-Dinitrotoluene	9.645	165	138811	43.982	ng		92
52) Acenaphthene	9.898	154	542896	43.543	ng		100
53) 3-Nitroaniline	9.816	138	152978	41.541	ng		95
54) 2,4-Dinitrophenol	9.916	184	59072	39.068	ng	#	85
55) Dibenzofuran	10.069	168	753994	41.473	ng		99
56) 4-Nitrophenol	9.969	139	109748	39.841	ng	#	80
57) 2,4-Dinitrotoluene	10.051	165	179942	45.062	ng		96
58) Fluorene	10.410	166	564300	41.456	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	158489	41.370	ng		99
60) Diethylphthalate	10.286	149	614474	43.582	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	285783	42.059	ng		93
62) 4-Nitroaniline	10.433	138	146701	41.370	ng		97
63) Azobenzene	10.569	77	567775	41.814	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	90176	41.625	ng		83
66) n-Nitrosodiphenylamine	10.528	169	513061	42.231	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	189169	44.802	ng		95
68) Hexachlorobenzene	10.957	284	193134	42.828	ng	#	89
69) Atrazine	11.057	200	134054	40.555	ng		98
70) Pentachlorophenol	11.151	266	119163	41.146	ng		97
71) Phenanthrene	11.380	178	846963	41.768	ng		99
72) Anthracene	11.427	178	864565	41.609	ng		100
73) Carbazole	11.586	167	705778	39.088	ng		99
74) Di-n-butylphthalate	11.927	149	937584	45.443	ng		99
75) Fluoranthene	12.574	202	808991	38.835	ng		97
77) Benzidine	12.698	184	187779	49.308	ng		99
78) Pyrene	12.804	202	790681	45.899	ng		99
80) Butylbenzylphthalate	13.433	149	309098	50.127	ng		99
81) Benzo(a)anthracene	13.998	228	543479	42.015	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	193136	46.780	ng		99
83) Chrysene	14.033	228	540213	42.406	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	394882	54.966	ng		98
85) Di-n-octyl phthalate	14.621	149	618528	57.472	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	781449	43.423	ng		99
88) Benzo(b)fluoranthene	15.063	252	596011	36.580	ng		99
89) Benzo(k)fluoranthene	15.092	252	610853	37.891	ng		100
90) Benzo(a)pyrene	15.439	252	611208	40.373	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	649560	44.064	ng		98
92) Benzo(g,h,i)perylene	17.480	276	558586	34.170	ng		97

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

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