Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134217.D
Acq On : 11 Jul 2023 17:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	92097	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	328651	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	159895	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	306210	20.000	ng		0.00
76) Chrysene-d12	14.039	240	164288	20.000	ng		0.00
86) Perylene-d12	15.539	264	161255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	443363	80.529	ng		0.00
7) Phenol-d6	6.481	99	534078	78.879	ng		0.00
23) Nitrobenzene-d5	7.410	82	502697	82.452	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	162457	81.035	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	899594	81.798	ng		0.00
79) Terphenyl-d14	12.974	244	879923	86.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	93145	41.030	ng		99
3) Pyridine	3.399	79	234573	39.670	ng		99
4) n-Nitrosodimethylamine	3.363	42	132566	39.253	ng		98
6) Aniline	6.516	93	324181	39.346	ng		99
8) 2-Chlorophenol	6.634	128	217814	38.972	ng		97
9) Benzaldehyde	6.404	77	143889	38.223	ng		98
10) Phenol	6.498	94	280440	39.393	ng		98
11) bis(2-Chloroethyl)ether	6.587	93	198947	37.958	ng		96
12) 1,3-Dichlorobenzene	6.787	146	235427	39.512	ng		98
13) 1,4-Dichlorobenzene	6.863	146	243666	40.487	ng		99
14) 1,2-Dichlorobenzene	7.016	146	227049	40.283	ng		97
15) Benzyl Alcohol	6.987	79	196703	37.684	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	334157	36.038	ng		96
17) 2-Methylphenol	7.098	107	200124	39.987	ng		97
18) Hexachloroethane	7.351	117	89954	40.311	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	158433	36.897	ng		99
20) 3+4-Methylphenols	7.251	107	241575	39.788	ng	#	87
22) Acetophenone	7.257	105	307801	41.181	ng	#	94
24) Nitrobenzene	7.428	77	254627	41.329	ng		92
25) Isophorone	7.663	82	426754	38.514	ng		99
26) 2-Nitrophenol	7.745	139	119038	40.276	ng		99
27) 2,4-Dimethylphenol	7.781	122	185167	39.579	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	243747	37.991	ng		99
29) 2,4-Dichlorophenol	7.987	162	184330	39.734	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	193522	40.428	ng		98
31) Naphthalene	8.145	128	623252	39.260	ng		99
32) Benzoic acid	7.892	122	119960m	34.219	ng		
33) 4-Chloroaniline	8.198	127	266503	39.245	ng		99
34) Hexachlorobutadiene	8.257	225	127139	42.105	ng		98
35) Caprolactam	8.569	113	56470	36.969	ng		95
36) 4-Chloro-3-methylphenol	8.681	107	207205	39.758	ng		99
37) 2-Methylnaphthalene	8.839	142	432536	38.530	ng		98
38) 1-Methylnaphthalene	8.939	142	402554	38.573	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	193875	40.927	ng		99
41) Hexachlorocyclopentadiene	8.986	237	89010	39.606	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	125035	38.773	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	145769	38.429	ng		96
46) 1,1'-Biphenyl	9.304	154	515228	40.170	ng		98
47) 2-Chloronaphthalene	9.328	162	376797	40.151	ng		98
48) 2-Nitroaniline	9.428	65	137150	40.101	ng		98
49) Acenaphthylene	9.745	152	635402	39.636	ng		99
50) Dimethylphthalate	9.604	163	451370	38.888	ng		100
51) 2,6-Dinitrotoluene	9.669	165	101554	40.623	ng	#	85
52) Acenaphthene	9.916	154	370912	39.874	ng		99
53) 3-Nitroaniline	9.845	138	115238	38.424	ng		97
54) 2,4-Dinitrophenol	9.951	184	58408	42.366	ng		97
55) Dibenzofuran	10.092	168	573289	39.435	ng		100
56) 4-Nitrophenol	10.004	139	81374	38.790	ng		92
57) 2,4-Dinitrotoluene	10.081	165	135088	40.918	ng		99
58) Fluorene	10.433	166	446940	39.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	114240	38.181	ng		98
60) Diethylphthalate	10.304	149	459157	37.970	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	207698	38.106	ng		99
62) 4-Nitroaniline	10.457	138	113381	37.513	ng		95
63) Azobenzene	10.586	77	429122	37.515	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	67812	40.620	ng		98
66) n-Nitrosodiphenylamine	10.545	169	386668	39.522	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	129231	39.706	ng	#	88
68) Hexachlorobenzene	10.986	284	141079	40.825	ng	#	91
69) Atrazine	11.075	200	105038	38.814	ng		99
70) Pentachlorophenol	11.180	266	78013	37.757	ng		100
71) Phenanthrene	11.404	178	615795	39.947	ng		99
72) Anthracene	11.457	178	647384	40.377	ng		99
73) Carbazole	11.616	167	584210	39.808	ng		99
74) Di-n-butylphthalate	11.939	149	671222	38.461	ng		99
75) Fluoranthene	12.598	202	651050	39.067	ng		98
77) Benzidine	12.727	184	144504	36.966	ng		99
78) Pyrene	12.827	202	646136	42.261	ng		99
80) Butylbenzylphthalate	13.451	149	224124	39.086	ng		97
81) Benzo(a)anthracene	14.027	228	437305	38.381	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	136000	37.676	ng		97
83) Chrysene	14.063	228	427077	38.700	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	248281	37.682	ng		99
85) Di-n-octyl phthalate	14.633	149	349063	36.055	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	481552	43.036	ng		97
88) Benzo(b)fluoranthene	15.098	252	348486	36.753	ng		98
89) Benzo(k)fluoranthene	15.127	252	369513	38.275	ng		97
90) Benzo(a)pyrene	15.474	252	363508	39.646	ng		98
91) Dibenzo(a,h)anthracene	17.104	278	393454	43.050	ng		98
92) Benzo(g,h,i)perylene	17.562	276	398171	42.246	ng		97

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

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