Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134428.D
Acq On : 24 Jul 2023 14:19
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 25 01:00:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:58:12 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	47227	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	178040	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	89675	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	179888	20.000	ng		0.00
76) Chrysene-d12	14.027	240	150240	20.000	ng		0.00
86) Perylene-d12	15.533	264	149300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	27217	9.522	ng		0.00
7) Phenol-d6	6.469	99	35566	10.155	ng		-0.01
23) Nitrobenzene-d5	7.392	82	34087	9.687	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	12284	9.641	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	70669	10.346	ng		0.00
79) Terphenyl-d14	12.963	244	82669	9.605	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	6586	5.432	ng		95
3) Pyridine	3.440	79	11233m	4.242	ng		
4) n-Nitrosodimethylamine	3.352	42	6549m	4.141	ng		
6) Aniline	6.498	93	20400	4.942	ng	#	77
8) 2-Chlorophenol	6.622	128	14932	5.156	ng		98
10) Phenol	6.487	94	18966	5.205	ng		93
11) bis(2-Chloroethyl)ether	6.569	93	14018	5.511	ng		91
12) 1,3-Dichlorobenzene	6.775	146	15730	5.051	ng		95
13) 1,4-Dichlorobenzene	6.851	146	17501	5.461	ng		96
14) 1,2-Dichlorobenzene	7.004	146	16138	5.361	ng		97
15) Benzyl Alcohol	6.981	79	13090	4.889	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.104	45	19302	5.153	ng		89
17) 2-Methylphenol	7.092	107	14278	5.529	ng		96
18) Hexachloroethane	7.340	117	6422	5.216	ng		94
19) n-Nitroso-di-n-propyla...	7.234	70	10934	5.015	ng		97
20) 3+4-Methylphenols	7.245	107	17435	5.273	ng		94
22) Acetophenone	7.240	105	22371	5.052	ng	#	87
24) Nitrobenzene	7.416	77	17714	5.062	ng		98
25) Isophorone	7.651	82	29223	4.983	ng		98
26) 2-Nitrophenol	7.734	139	7357	4.571	ng		99
27) 2,4-Dimethylphenol	7.769	122	12525	4.931	ng		93
28) bis(2-Chloroethoxy)met...	7.863	93	16167	4.953	ng		96
29) 2,4-Dichlorophenol	7.981	162	12633	4.975	ng		94
30) 1,2,4-Trichlorobenzene	8.057	180	13966	5.099	ng		98
31) Naphthalene	8.134	128	43975	4.963	ng		99
32) Benzoic acid	7.863	122	6679m	4.082	ng		
33) 4-Chloroaniline	8.192	127	18429	5.032	ng		96
34) Hexachlorobutadiene	8.245	225	9099	4.959	ng		90
35) Caprolactam	8.528	113	3563	4.581	ng	#	78
36) 4-Chloro-3-methylphenol	8.675	107	14569	4.972	ng		99
37) 2-Methylnaphthalene	8.828	142	32114	5.216	ng		98
38) 1-Methylnaphthalene	8.922	142	29855	5.227	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	14674	5.164	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	9059	4.969	ng		96
44) 2,4,5-Trichlorophenol	9.157	196	10286	4.843	ng		95
46) 1,1'-Biphenyl	9.292	154	37382	5.058	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.316	162	27597	5.065	ng		99
48) 2-Nitroaniline	9.422	65	9141	4.658	ng		95
49) Acenaphthylene	9.733	152	45788	4.974	ng		97
50) Dimethylphthalate	9.586	163	32123	4.832	ng		97
51) 2,6-Dinitrotoluene	9.657	165	7302	5.006	ng		96
52) Acenaphthene	9.904	154	28021	5.153	ng		99
53) 3-Nitroaniline	9.833	138	7696	4.602	ng	#	90
55) Dibenzofuran	10.075	168	42412	5.068	ng		98
57) 2,4-Dinitrotoluene	10.069	165	9389	4.792	ng	#	97
58) Fluorene	10.422	166	33722	4.995	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	8481	5.200	ng		97
60) Diethylphthalate	10.286	149	34792	5.055	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	16273	5.045	ng		97
62) 4-Nitroaniline	10.445	138	7659	4.570	ng		89
63) Azobenzene	10.575	77	31964	5.046	ng		97
66) n-Nitrosodiphenylamine	10.533	169	29223	5.106	ng		97
67) 4-Bromophenyl-phenylether	10.904	248	10245	5.198	ng		92
68) Hexachlorobenzene	10.975	284	11149	5.023	ng		93
69) Atrazine	11.057	200	8528	5.345	ng		93
71) Phenanthrene	11.392	178	46313	4.928	ng		98
72) Anthracene	11.445	178	46973	4.842	ng		98
73) Carbazole	11.604	167	45072	4.934	ng		97
74) Di-n-butylphthalate	11.927	149	53069	5.061	ng		99
75) Fluoranthene	12.586	202	56980	5.202	ng		99
78) Pyrene	12.822	202	57131	4.782	ng		98
80) Butylbenzylphthalate	13.439	149	22692	4.742	ng		98
81) Benzo(a)anthracene	14.021	228	53902	5.142	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	17524	5.278	ng		98
83) Chrysene	14.057	228	50825	5.069	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	29207	5.024	ng		97
85) Di-n-octyl phthalate	14.621	149	40509	5.014	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	41084	4.212	ng		97
88) Benzo(b)fluoranthene	15.086	252	46449	4.973	ng		98
89) Benzo(k)fluoranthene	15.115	252	45855	4.995	ng		95
90) Benzo(a)pyrene	15.468	252	42109	4.877	ng	#	93
91) Dibenzo(a,h)anthracene	17.092	278	33930	4.307	ng		97
92) Benzo(g,h,i)perylene	17.551	276	32757	4.050	ng		99

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

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