Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133405.D
Acq On : 16 May 2023 16:38
Operator : CG\JU
Sample : 02802-01MS 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 16 17:37:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ORA-1639MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/17/2023
Supervised By :Jagrut Upadhyay
05/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	237202	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	905438	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	419147	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	684087	20.000	ng		0.00
76) Chrysene-d12	13.880	240	517517	20.000	ng		0.00
86) Perylene-d12	15.304	264	440938	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	285061	18.154	ng		0.00
7) Phenol-d6	6.363	99	345054	17.704	ng		0.00
23) Nitrobenzene-d5	7.281	82	198804	11.852	ng		-0.01
42) 2,4,6-Tribromophenol	10.545	330	67190	15.939	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	388654	15.513	ng		-0.01
79) Terphenyl-d14	12.822	244	375515	12.514	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.346	88	50919	6.991	ng		97
3) Pyridine	3.058	79	117954	6.098	ng		99
4) n-Nitrosodimethylamine	2.993	42	62802	6.268	ng		95
6) Aniline	6.381	93	75159	2.994	ng	#	42
8) 2-Chlorophenol	6.504	128	136029	8.532	ng		96
9) Benzaldehyde	6.263	77	88046	4.073	ng		96
10) Phenol	6.375	94	170160	7.914	ng		96
11) bis(2-Chloroethyl)ether	6.451	93	131655	8.160	ng		96
12) 1,3-Dichlorobenzene	6.657	146	150594	8.884	ng		98
13) 1,4-Dichlorobenzene	6.740	146	154892	9.118	ng		97
14) 1,2-Dichlorobenzene	6.887	146	141601	9.041	ng		96
15) Benzyl Alcohol	6.863	79	106849	7.937	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	209200	7.465	ng		91
17) 2-Methylphenol	6.987	107	111563	7.642	ng		98
18) Hexachloroethane	7.228	117	46557	7.883	ng		90
19) n-Nitroso-di-n-propyla...	7.128	70	95197	7.846	ng		99
20) 3+4-Methylphenols	7.140	107	144795	8.422	ng	#	67
22) Acetophenone	7.128	105	195565	9.324	ng	#	90
24) Nitrobenzene	7.298	77	133168	7.834	ng		97
25) Isophorone	7.540	82	243168	7.635	ng		99
26) 2-Nitrophenol	7.622	139	63648	7.763	ng		93
27) 2,4-Dimethylphenol	7.663	122	118558	8.433	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	152711	8.105	ng		97
29) 2,4-Dichlorophenol	7.869	162	106374	8.312	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	116603	8.794	ng		98
31) Naphthalene	8.022	128	405508	8.958	ng		98
32) Benzoic acid	7.769	122	45154m	5.200	ng		
33) 4-Chloroaniline	8.081	127	69934	3.824	ng		97
34) Hexachlorobutadiene	8.145	225	62823	8.549	ng		99
35) Caprolactam	8.416	113	33031m	7.683	ng		
36) 4-Chloro-3-methylphenol	8.569	107	102841	7.452	ng		92
37) 2-Methylnaphthalene	8.716	142	260329	8.411	ng		99
38) 1-Methylnaphthalene	8.816	142	241364	8.337	ng		98
40) 1,2,4,5-Tetrachloroben...	8.887	216	103634	9.196	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	65518	8.406	ng		99
44) 2,4,5-Trichlorophenol	9.045	196	67299	7.466	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.181	154	315928	9.505	ng		97
47) 2-Chloronaphthalene	9.204	162	222241	9.136	ng		96
48) 2-Nitroaniline	9.298	65	64489	8.021	ng		90
49) Acenaphthylene	9.616	152	371300	9.552	ng		97
50) Dimethylphthalate	9.475	163	260774	8.923	ng		99
51) 2,6-Dinitrotoluene	9.539	165	51478	7.826	ng		94
52) Acenaphthene	9.786	154	221463	8.507	ng		98
53) 3-Nitroaniline	9.710	138	51660	6.605	ng		98
55) Dibenzofuran	9.963	168	306857	8.641	ng		98
56) 4-Nitrophenol	9.892	139	67945	11.216	ng		99
57) 2,4-Dinitrotoluene	9.945	165	60253	7.182	ng		95
58) Fluorene	10.304	166	249748	9.599	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	47766	6.835	ng	#	99
60) Diethylphthalate	10.175	149	234822	8.506	ng		100
61) 4-Chlorophenyl-phenyle...	10.298	204	109864	8.665	ng		98
62) 4-Nitroaniline	10.316	138	53868	7.493	ng		99
63) Azobenzene	10.457	77	217658	7.443	ng		94
66) n-Nitrosodiphenylamine	10.410	169	194653	8.772	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	62745	8.457	ng		96
68) Hexachlorobenzene	10.851	284	61910	8.143	ng	#	88
69) Atrazine	10.939	200	63518	9.934	ng		96
70) Pentachlorophenol	11.051	266	53035	9.795	ng		95
71) Phenanthrene	11.263	178	497345	13.527	ng		100
72) Anthracene	11.316	178	379972	10.098	ng		99
73) Carbazole	11.469	167	302162	9.018	ng		99
74) Di-n-butylphthalate	11.804	149	352359	9.293	ng		99
75) Fluoranthene	12.451	202	619882	16.799	ng		97
77) Benzidine	12.575	184	97223	11.109	ng		93
78) Pyrene	12.680	202	677276	15.267	ng		99
80) Butylbenzylphthalate	13.304	149	146248	9.311	ng		97
81) Benzo(a)anthracene	13.869	228	430891	12.108	ng		98
82) 3,3'-Dichlorobenzidine	13.833	252	68085	6.925	ng		98
83) Chrysene	13.904	228	424026	11.918	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	205251	10.410	ng		99
85) Di-n-octyl phthalate	14.474	149	344219	10.707	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.692	276	264780	10.557	ng		98
88) Benzo(b)fluoranthene	14.898	252	373583	13.318	ng	#	95
89) Benzo(k)fluoranthene	14.921	252	287474	10.338	ng	#	94
90) Benzo(a)pyrene	15.245	252	306717	12.013	ng		98
91) Dibenzo(a,h)anthracene	16.698	278	178557	8.536	ng		95
92) Benzo(g,h,i)perylene	17.104	276	223604	10.827	ng		99

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

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