Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133101.D
Acq On : 27 Apr 2023 15:51
Operator : CG\JU
Sample : 02504-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-512-COMP-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:08:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	215056	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	867033	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	447633	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	769996	20.000	ng		0.00
76) Chrysene-d12	13.892	240	459028	20.000	ng		0.00
86) Perylene-d12	15.310	264	428268	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1137333	79.889	ng		0.01
7) Phenol-d6	6.381	99	1416822	80.181	ng		0.00
23) Nitrobenzene-d5	7.304	82	842856	52.472	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	360834	80.153	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1499423	56.040	ng		0.00
79) Terphenyl-d14	12.839	244	1654138	62.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	277157	41.972	ng		97
3) Pyridine	3.222	79	694365	39.591	ng		97
4) n-Nitrosodimethylamine	3.187	42	358339	39.446	ng		94
6) Aniline	6.398	93	777272	34.153	ng	#	56
8) 2-Chlorophenol	6.522	128	684359	47.346	ng		97
9) Benzaldehyde	6.281	77	386643	52.875	ng		100
10) Phenol	6.393	94	829997	42.578	ng		75
11) bis(2-Chloroethyl)ether	6.475	93	635077	43.415	ng		99
12) 1,3-Dichlorobenzene	6.681	146	712152	46.340	ng		97
13) 1,4-Dichlorobenzene	6.751	146	722410	46.904	ng		99
14) 1,2-Dichlorobenzene	6.904	146	692712	48.784	ng		96
15) Benzyl Alcohol	6.887	79	545950	44.728	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	1045421	41.146	ng		96
17) 2-Methylphenol	7.004	107	579556	43.787	ng		97
18) Hexachloroethane	7.251	117	248612	46.428	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	447850	40.711	ng		93
20) 3+4-Methylphenols	7.157	107	658881	42.271	ng	#	82
22) Acetophenone	7.151	105	897155	44.669	ng		98
24) Nitrobenzene	7.322	77	693210	42.588	ng		99
25) Isophorone	7.563	82	1315445	43.132	ng		99
26) 2-Nitrophenol	7.639	139	390203	49.701	ng		94
27) 2,4-Dimethylphenol	7.687	122	623288	46.299	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	777451	43.090	ng		99
29) 2,4-Dichlorophenol	7.887	162	565136	46.114	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	591598	46.596	ng		99
31) Naphthalene	8.045	128	1895722	43.732	ng		99
32) Benzoic acid	7.822	122	459910m	55.308	ng		
33) 4-Chloroaniline	8.092	127	289198	16.512	ng		99
34) Hexachlorobutadiene	8.163	225	317518	45.122	ng		99
35) Caprolactam	8.475	113	200564m	48.716	ng		
36) 4-Chloro-3-methylphenol	8.581	107	614991	46.535	ng		98
37) 2-Methylnaphthalene	8.734	142	1256545	42.398	ng		98
38) 1-Methylnaphthalene	8.834	142	1188721	42.876	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	521960	43.368	ng		100
41) Hexachlorocyclopentadiene	8.892	237	671597	95.680	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	380955	45.769	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	404189	41.988	ng		98
46) 1,1'-Biphenyl	9.198	154	1542658	43.461	ng		100
47) 2-Chloronaphthalene	9.222	162	1166374	44.895	ng		98
48) 2-Nitroaniline	9.322	65	357444	41.629	ng		94
49) Acenaphthylene	9.639	152	1774622	42.749	ng		100
50) Dimethylphthalate	9.504	163	1323192	42.393	ng		99
51) 2,6-Dinitrotoluene	9.563	165	315051	44.846	ng		91
52) Acenaphthene	9.810	154	1312294m	47.200	ng		
53) 3-Nitroaniline	9.728	138	236874	28.358	ng		99
54) 2,4-Dinitrophenol	9.839	184	356306	100.903	ng		94
55) Dibenzofuran	9.980	168	1603082	42.269	ng		98
56) 4-Nitrophenol	9.904	139	574566	88.810	ng		98
57) 2,4-Dinitrotoluene	9.969	165	409339	45.690	ng		87
58) Fluorene	10.328	166	1161539	41.803	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	333072	44.630	ng		97
60) Diethylphthalate	10.204	149	1241604	42.114	ng		99
61) 4-Chlorophenyl-phenyle...	10.316	204	567776	41.931	ng		97
62) 4-Nitroaniline	10.351	138	352816	45.956	ng		95
63) Azobenzene	10.475	77	1308897	41.909	ng		98
65) 4,6-Dinitro-2-methylph...	10.375	198	239436	51.303	ng		90
66) n-Nitrosodiphenylamine	10.439	169	1062921	42.556	ng		99
67) 4-Bromophenyl-phenylether	10.804	248	364506	43.648	ng		97
68) Hexachlorobenzene	10.869	284	399508	46.687	ng		95
69) Atrazine	10.969	200	363715	50.538	ng		98
70) Pentachlorophenol	11.069	266	476088	78.119	ng		96
71) Phenanthrene	11.280	178	1742707	42.110	ng		99
72) Anthracene	11.333	178	1788250	42.223	ng		99
73) Carbazole	11.486	167	1628304	43.177	ng		99
74) Di-n-butylphthalate	11.822	149	1909100	44.733	ng		99
75) Fluoranthene	12.469	202	1741404	41.927	ng		96
77) Benzidine	12.592	184	1038802	133.825	ng	#	92
78) Pyrene	12.698	202	1780562	45.250	ng		100
80) Butylbenzylphthalate	13.316	149	765155	54.918	ng		94
81) Benzo(a)anthracene	13.880	228	1361922	43.145	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	322721	37.009	ng		98
83) Chrysene	13.921	228	1352808	42.867	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	915672	52.360	ng		99
85) Di-n-octyl phthalate	14.492	149	1626435	57.038	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1272094	52.219	ng		100
88) Benzo(b)fluoranthene	14.904	252	1285867	47.195	ng		98
89) Benzo(k)fluoranthene	14.939	252	1127361	41.741	ng		99
90) Benzo(a)pyrene	15.251	252	1025417	41.348	ng		99
91) Dibenzo(a,h)anthracene	16.709	278	1062638	52.300	ng		99
92) Benzo(g,h,i)perylene	17.109	276	1066351	53.160	ng		99

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

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