Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132685.D
Acq On : 07 Mar 2023 19:06
Operator : CG\JU
Sample : 01825-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 04:42:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.987	152	184855	20.000	ng		0.00
21) Naphthalene-d8	8.275	136	681150	20.000	ng		0.00
39) Acenaphthene-d10	10.039	164	359553	20.000	ng		0.00
64) Phenanthrene-d10	11.533	188	687724	20.000	ng		0.00
76) Chrysene-d12	14.192	240	351915	20.000	ng	#	0.00
86) Perylene-d12	15.733	264	389873	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.622	112	1151321	101.082	ng		0.00
7) Phenol-d6	6.622	99	1487151	100.045	ng		0.00
23) Nitrobenzene-d5	7.557	82	960175	66.879	ng		0.00
42) 2,4,6-Tribromophenol	10.833	330	391429	100.805	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1430823	60.594	ng		0.00
79) Terphenyl-d14	13.121	244	1488036	71.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	228917	36.334	ng		96
3) Pyridine	3.675	79	613973	36.712	ng		96
4) n-Nitrosodimethylamine	3.640	42	249104	39.434	ng		85
6) Aniline	6.651	93	641698	32.078	ng		96
8) 2-Chlorophenol	6.775	128	558886	47.278	ng		97
9) Benzaldehyde	6.539	77	272452	33.967	ng		100
10) Phenol	6.634	94	727040	42.661	ng		95
11) bis(2-Chloroethyl)ether	6.722	93	583203	44.329	ng		95
12) 1,3-Dichlorobenzene	6.928	146	576817	45.470	ng		99
13) 1,4-Dichlorobenzene	7.004	146	572711	45.213	ng		99
14) 1,2-Dichlorobenzene	7.157	146	555982	45.735	ng		99
15) Benzyl Alcohol	7.134	79	506925	44.280	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	712994	42.499	ng		100
17) 2-Methylphenol	7.239	107	463607	42.022	ng		96
18) Hexachloroethane	7.498	117	223954	45.255	ng		94
19) n-Nitroso-di-n-propyla...	7.404	70	350042	38.263	ng		92
20) 3+4-Methylphenols	7.392	107	521485	36.587	ng	#	87
22) Acetophenone	7.398	105	686827	39.989	ng	#	92
24) Nitrobenzene	7.575	77	622550	40.545	ng		99
25) Isophorone	7.810	82	1129114	41.021	ng		99
26) 2-Nitrophenol	7.892	139	301033	44.435	ng		92
27) 2,4-Dimethylphenol	7.922	122	459689	42.992	ng		99
28) bis(2-Chloroethoxy)met...	8.016	93	680989	42.292	ng		99
29) 2,4-Dichlorophenol	8.133	162	458245	43.084	ng		99
30) 1,2,4-Trichlorobenzene	8.216	180	502715	43.527	ng		98
31) Naphthalene	8.298	128	1457017	41.784	ng		99
32) Benzoic acid	8.051	122	352561m	42.335	ng		
33) 4-Chloroaniline	8.345	127	213503	14.288	ng	#	93
34) Hexachlorobutadiene	8.410	225	311677	42.468	ng		100
35) Caprolactam	8.728	113	164451m	46.899	ng		
36) 4-Chloro-3-methylphenol	8.828	107	504194	43.164	ng		96
37) 2-Methylnaphthalene	8.992	142	960684	40.426	ng		99
38) 1-Methylnaphthalene	9.092	142	892792	40.201	ng		100
40) 1,2,4,5-Tetrachloroben...	9.157	216	510604	43.405	ng		99
41) Hexachlorocyclopentadiene	9.139	237	457092	71.639	ng		98
43) 2,4,6-Trichlorophenol	9.269	196	348747	43.745	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.316	196	368828	39.639	ng		97
46) 1,1'-Biphenyl	9.457	154	1143402	42.015	ng		98
47) 2-Chloronaphthalene	9.480	162	939330	43.535	ng		99
48) 2-Nitroaniline	9.580	65	318307	40.055	ng		89
49) Acenaphthylene	9.898	152	1450789	42.249	ng		100
50) Dimethylphthalate	9.757	163	1108843	42.355	ng		100
51) 2,6-Dinitrotoluene	9.822	165	258734	43.396	ng	#	87
52) Acenaphthene	10.075	154	1013637m	46.486	ng		
53) 3-Nitroaniline	9.992	138	191495	28.712	ng		94
54) 2,4-Dinitrophenol	10.104	184	288449	76.847	ng		91
55) Dibenzofuran	10.245	168	1318465	41.476	ng		99
56) 4-Nitrophenol	10.157	139	393945	79.203	ng		96
57) 2,4-Dinitrotoluene	10.227	165	347214	43.774	ng		95
58) Fluorene	10.592	166	1033578	42.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.363	232	304214	44.013	ng		98
60) Diethylphthalate	10.451	149	1060406	41.473	ng		99
61) 4-Chlorophenyl-phenyle...	10.575	204	522708	41.439	ng		98
62) 4-Nitroaniline	10.610	138	271165	41.419	ng		94
63) Azobenzene	10.739	77	1126452	41.599	ng		99
65) 4,6-Dinitro-2-methylph...	10.639	198	201369	43.254	ng		97
66) n-Nitrosodiphenylamine	10.698	169	902458	42.092	ng		98
67) 4-Bromophenyl-phenylether	11.069	248	331700	42.639	ng		99
68) Hexachlorobenzene	11.139	284	371737	45.414	ng	#	94
69) Atrazine	11.222	200	315603	47.151	ng		99
70) Pentachlorophenol	11.339	266	365245	74.997	ng		99
71) Phenanthrene	11.563	178	2072401	58.169	ng		99
72) Anthracene	11.610	178	1675759	45.676	ng		99
73) Carbazole	11.763	167	1384495	41.855	ng		99
74) Di-n-butylphthalate	12.080	149	1639212	42.247	ng		100
75) Fluoranthene	12.757	202	2427849	62.335	ng		98
77) Benzidine	12.874	184	532507	62.161	ng		99
78) Pyrene	12.992	202	2304821	72.036	ng		100
80) Butylbenzylphthalate	13.592	149	625014	49.502	ng		100
81) Benzo(a)anthracene	14.180	228	1526244	57.963	ng		97
82) 3,3'-Dichlorobenzidine	14.139	252	223702	28.817	ng		98
83) Chrysene	14.221	228	1367919	55.555	ng		99
84) Bis(2-ethylhexyl)phtha...	14.151	149	803668	51.815	ng	#	97
85) Di-n-octyl phthalate	14.774	149	1230643	54.296	ng		98
87) Indeno(1,2,3-cd)pyrene	17.333	276	1417917	55.504	ng		100
88) Benzo(b)fluoranthene	15.280	252	1489127	56.995	ng		98
89) Benzo(k)fluoranthene	15.310	252	1226105	47.950	ng		100
90) Benzo(a)pyrene	15.674	252	1283276	52.479	ng		99
91) Dibenzo(a,h)anthracene	17.351	278	1032043	49.584	ng		99
92) Benzo(g,h,i)perylene	17.827	276	1170751	49.712	ng		99

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

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