Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129603.D
Acq On : 05 Aug 2022 16:08
Operator : CG\JU
Sample : N3961-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 01:57:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RVE-177MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

08/08/2022
Supervised By :Jagrut Upadhyay

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	185169	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	733776	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	377979	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	610426	20.000	ng		0.00
76) Chrysene-d12	14.027	240	310225	20.000	ng		0.00
86) Perylene-d12	15.498	264	319648	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1347391	118.535	ng		0.02
7) Phenol-d6	6.504	99	1707432	119.504	ng		0.00
23) Nitrobenzene-d5	7.422	82	1096782	81.594	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	452019	124.387	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1960717	80.246	ng		0.00
79) Terphenyl-d14	12.963	244	1803216	109.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	213628	41.654	ng		90
3) Pyridine	3.504	79	593928	41.701	ng		86
4) n-Nitrosodimethylamine	3.463	42	295841	47.303	ng	#	89
6) Aniline	6.522	93	531977	29.950	ng	#	4
8) 2-Chlorophenol	6.645	128	634600	51.100	ng		97
9) Benzaldehyde	6.410	77	445984	45.964	ng		98
10) Phenol	6.522	94	745390m	48.990	ng		
11) bis(2-Chloroethyl)ether	6.592	93	598051	49.563	ng		91
12) 1,3-Dichlorobenzene	6.792	146	647972	48.650	ng		99
13) 1,4-Dichlorobenzene	6.869	146	660000	48.724	ng		99
14) 1,2-Dichlorobenzene	7.022	146	627161	50.372	ng		98
15) Benzyl Alcohol	7.004	79	548771	52.959	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	793287	43.736	ng		53
17) 2-Methylphenol	7.122	107	497405	48.280	ng	#	88
18) Hexachloroethane	7.357	117	253227	49.648	ng	#	88
19) n-Nitroso-di-n-propyla...	7.269	70	426881	49.352	ng		92
20) 3+4-Methylphenols	7.275	107	618832	47.242	ng	#	90
22) Acetophenone	7.263	105	866852	50.741	ng		99
24) Nitrobenzene	7.439	77	657847	47.526	ng		97
25) Isophorone	7.675	82	1202318	49.900	ng		100
26) 2-Nitrophenol	7.751	139	343940	50.367	ng		98
27) 2,4-Dimethylphenol	7.798	122	560002m	54.672	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	739116	52.879	ng		99
29) 2,4-Dichlorophenol	7.998	162	516751	48.878	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	527667	48.219	ng		96
31) Naphthalene	8.157	128	1762917	47.288	ng		99
32) Benzoic acid	7.939	122	246227	33.251	ng		96
33) 4-Chloroaniline	8.204	127	244553	15.978	ng		97
34) Hexachlorobutadiene	8.263	225	312567	50.249	ng		100
35) Caprolactam	8.598	113	164690m	47.914	ng		
36) 4-Chloro-3-methylphenol	8.710	107	562016	50.121	ng		95
37) 2-Methylnaphthalene	8.845	142	1154603	47.658	ng		100
38) 1-Methylnaphthalene	8.945	142	1103966	47.204	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	510064	51.392	ng		98
41) Hexachlorocyclopentadiene	8.998	237	491897	111.302	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	339106	47.042	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	361398	46.102	ng		95
46) 1,1'-Biphenyl	9.310	154	1387739	50.308	ng		99
47) 2-Chloronaphthalene	9.339	162	1099328	49.298	ng		99
48) 2-Nitroaniline	9.445	65	347865	46.913	ng	#	83
49) Acenaphthylene	9.757	152	1616505	47.707	ng		100
50) Dimethylphthalate	9.616	163	1284107	49.213	ng		100
51) 2,6-Dinitrotoluene	9.686	165	286381	49.037	ng		92
52) Acenaphthene	9.928	154	1140149m	51.518	ng		
53) 3-Nitroaniline	9.851	138	161079	23.357	ng	#	96
54) 2,4-Dinitrophenol	9.969	184	235240	78.903	ng		88
55) Dibenzofuran	10.098	168	1436017	47.070	ng		95
56) 4-Nitrophenol	10.039	139	351881	69.163	ng		91
57) 2,4-Dinitrotoluene	10.092	165	358507	46.991	ng		96
58) Fluorene	10.445	166	1169954	47.928	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	255822	42.229	ng		94
60) Diethylphthalate	10.316	149	1228792	48.715	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	536161	49.822	ng		94
62) 4-Nitroaniline	10.480	138	286037	41.811	ng		94
63) Azobenzene	10.592	77	1176991	45.748	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	170894	44.355	ng		86
66) n-Nitrosodiphenylamine	10.557	169	1017618	50.058	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	346980	51.909	ng		95
68) Hexachlorobenzene	10.992	284	377962	52.185	ng		97
69) Atrazine	11.086	200	327973	53.116	ng		98
70) Pentachlorophenol	11.192	266	264866	67.270	ng		99
71) Phenanthrene	11.410	178	1571910	47.174	ng		99
72) Anthracene	11.463	178	1574960	48.097	ng		100
73) Carbazole	11.616	167	1430385	46.404	ng		99
74) Di-n-butylphthalate	11.933	149	1892227	51.547	ng		99
75) Fluoranthene	12.598	202	1476858	43.743	ng		99
77) Benzidine	12.716	184	449665	41.030	ng		99
78) Pyrene	12.827	202	1435962	55.353	ng		99
80) Butylbenzylphthalate	13.433	149	612813	54.461	ng		99
81) Benzo(a)anthracene	14.016	228	1014505	47.873	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	253344	36.209	ng	#	96
83) Chrysene	14.051	228	941186	47.125	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	778273	52.537	ng		99
85) Di-n-octyl phthalate	14.598	149	1095224	51.377	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	1198397	55.674	ng		99
88) Benzo(b)fluoranthene	15.068	252	972292	45.856	ng		99
89) Benzo(k)fluoranthene	15.098	252	962428	46.319	ng		99
90) Benzo(a)pyrene	15.439	252	885147	51.425	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	1029505	58.763	ng		99
92) Benzo(g,h,i)perylene	17.456	276	1053989	58.875	ng		99

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

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