Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127658.D
Acq On : 06 Apr 2022 20:08
Operator : CG\JU
Sample : N2277-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 07 02:39:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PF-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
04/07/2022
Supervised By :Jagrut Upadhyay
04/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	89240	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	334471	20.000	ng	#	0.00
39) Acenaphthene-d10	10.010	164	194889	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	381999	20.000	ng		0.00
76) Chrysene-d12	14.157	240	322719	20.000	ng		0.00
86) Perylene-d12	15.680	264	281928	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	579068	105.438	ng		0.00
7) Phenol-d6	6.581	99	752904	104.792	ng		0.00
23) Nitrobenzene-d5	7.528	82	525100	69.990	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	223662	107.846	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	927925	67.356	ng		0.00
79) Terphenyl-d14	13.092	244	1244252	63.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	110674	42.486	ng		87
3) Pyridine	3.599	79	287844	41.954	ng		89
4) n-Nitrosodimethylamine	3.563	42	176011	47.702	ng		98
6) Aniline	6.628	93	403719m	47.114	ng		
8) 2-Chlorophenol	6.745	128	284977	51.153	ng		96
9) Benzaldehyde	6.516	77	231282	69.670	ng		97
10) Phenol	6.592	94	369267	51.400	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	290576	48.977	ng		91
12) 1,3-Dichlorobenzene	6.904	146	307126	48.247	ng		98
13) 1,4-Dichlorobenzene	6.981	146	308757	47.981	ng		97
14) 1,2-Dichlorobenzene	7.134	146	296849	48.261	ng		97
15) Benzyl Alcohol	7.098	79	295272	47.009	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.234	45	441123	47.103	ng		99
17) 2-Methylphenol	7.204	107	243648	50.277	ng		98
18) Hexachloroethane	7.481	117	118236	48.152	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	229872	49.468	ng		96
20) 3+4-Methylphenols	7.357	107	305636	49.492	ng	#	60
22) Acetophenone	7.375	105	414782	46.149	ng	#	84
24) Nitrobenzene	7.545	77	349636	48.075	ng		97
25) Isophorone	7.786	82	645788	49.330	ng		99
26) 2-Nitrophenol	7.863	139	135640	51.897	ng		92
27) 2,4-Dimethylphenol	7.892	122	272601	53.272	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	360849	44.703	ng		99
29) 2,4-Dichlorophenol	8.098	162	253942	46.067	ng		97
30) 1,2,4-Trichlorobenzene	8.186	180	278104	43.836	ng		96
31) Naphthalene	8.269	128	806635	46.024	ng		98
32) Benzoic acid	7.998	122	171197	46.113	ng		96
33) 4-Chloroaniline	8.316	127	233671	33.853	ng		97
34) Hexachlorobutadiene	8.386	225	188984	43.304	ng		98
35) Caprolactam	8.681	113	81315m	49.910	ng		
36) 4-Chloro-3-methylphenol	8.792	107	274555	47.507	ng		98
37) 2-Methylnaphthalene	8.963	142	541583	46.202	ng		99
38) 1-Methylnaphthalene	9.063	142	524771	46.381	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	280521	43.885	ng	#	98
41) Hexachlorocyclopentadiene	9.116	237	378852	98.390	ng		97
43) 2,4,6-Trichlorophenol	9.233	196	190072	43.798	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	201916	46.109	ng		96
46) 1,1'-Biphenyl	9.428	154	683719	45.873	ng		99
47) 2-Chloronaphthalene	9.457	162	534423	45.120	ng		100
48) 2-Nitroaniline	9.551	65	193088	52.488	ng		90
49) Acenaphthylene	9.875	152	886879	49.227	ng		99
50) Dimethylphthalate	9.728	163	660751	46.774	ng		98
51) 2,6-Dinitrotoluene	9.792	165	138406	51.978	ng		95
52) Acenaphthene	10.045	154	571895	50.385	ng		98
53) 3-Nitroaniline	9.963	138	107821	38.329	ng		95
54) 2,4-Dinitrophenol	10.063	184	125444	94.051	ng		89
55) Dibenzofuran	10.222	168	757835	45.753	ng		98
56) 4-Nitrophenol	10.110	139	233154	105.521	ng		90
57) 2,4-Dinitrotoluene	10.192	165	184104	55.767	ng		95
58) Fluorene	10.563	166	588138	48.057	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	175430	45.974	ng		96
60) Diethylphthalate	10.433	149	637526	47.161	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	306900	45.640	ng		94
62) 4-Nitroaniline	10.580	138	145371	54.870	ng		91
63) Azobenzene	10.716	77	703534	46.575	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	82272	44.590	ng		82
66) n-Nitrosodiphenylamine	10.675	169	528765	43.951	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	199802	43.097	ng	#	91
68) Hexachlorobenzene	11.110	284	223665	44.134	ng		98
69) Atrazine	11.198	200	206757	51.725	ng		99
70) Pentachlorophenol	11.298	266	259192	85.631	ng		97
71) Phenanthrene	11.533	178	918069	45.360	ng		99
72) Anthracene	11.580	178	932319	46.568	ng		98
73) Carbazole	11.733	167	862682	45.986	ng		99
74) Di-n-butylphthalate	12.063	149	1055047	47.046	ng		99
75) Fluoranthene	12.721	202	1097333	49.684	ng		99
77) Benzidine	12.845	184	670080	79.552	ng		99
78) Pyrene	12.957	202	1122077	41.175	ng		99
80) Butylbenzylphthalate	13.568	149	462521	45.584	ng		97
81) Benzo(a)anthracene	14.145	228	1004359	46.597	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	216066	32.155	ng		98
83) Chrysene	14.186	228	936746	45.275	ng		97
84) Bis(2-ethylhexyl)phtha...	14.127	149	636871	44.530	ng		96
85) Di-n-octyl phthalate	14.751	149	1007415	48.174	ng		95
87) Indeno(1,2,3-cd)pyrene	17.251	276	889772	50.513	ng		100
88) Benzo(b)fluoranthene	15.227	252	922076	50.841	ng		99
89) Benzo(k)fluoranthene	15.262	252	790005	43.919	ng		98
90) Benzo(a)pyrene	15.615	252	822358	55.787	ng		98
91) Dibenzo(a,h)anthracene	17.274	278	766406	53.700	ng		97
92) Benzo(g,h,i)perylene	17.733	276	786377	53.746	ng		99

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

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