Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129695.D
Acq On : 10 Aug 2022 15:00
Operator : CG\JU
Sample : N3971-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 15:30:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-7RMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	222161	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	893727	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	464901	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	766532	20.000	ng	#	0.00
76) Chrysene-d12	14.016	240	421319	20.000	ng	#	0.00
86) Perylene-d12	15.486	264	369112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	790992	58.000	ng		0.00
7) Phenol-d6	6.492	99	709491	41.389	ng		0.00
23) Nitrobenzene-d5	7.410	82	1037487	63.369	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	458866	102.662	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1909569	63.541	ng		0.00
79) Terphenyl-d14	12.957	244	1914503	85.728	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	104323	16.954	ng		89
3) Pyridine	3.451	79	199998	11.704	ng		87
4) n-Nitrosodimethylamine	3.381	42	141507	18.859	ng	#	91
6) Aniline	6.504	93	467489	21.937	ng	#	63
8) 2-Chlorophenol	6.634	128	466456	31.306	ng		96
9) Benzaldehyde	6.392	77	274241	23.558	ng		100
10) Phenol	6.504	94	305596m	16.741	ng		
11) bis(2-Chloroethyl)ether	6.575	93	492594	34.026	ng		91
12) 1,3-Dichlorobenzene	6.775	146	517676	32.395	ng		99
13) 1,4-Dichlorobenzene	6.857	146	522781	32.168	ng		99
14) 1,2-Dichlorobenzene	7.004	146	505939	33.869	ng		96
15) Benzyl Alcohol	6.992	79	392411	31.564	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	661630	30.404	ng	#	20
17) 2-Methylphenol	7.110	107	335015	27.103	ng	#	86
18) Hexachloroethane	7.345	117	198859	32.496	ng		91
19) n-Nitroso-di-n-propyla...	7.257	70	378003	36.425	ng		90
20) 3+4-Methylphenols	7.263	107	398146	25.334	ng	#	83
22) Acetophenone	7.251	105	744254	35.768	ng		97
24) Nitrobenzene	7.428	77	543023	32.209	ng		95
25) Isophorone	7.663	82	1124519	38.318	ng		100
26) 2-Nitrophenol	7.739	139	277193	33.328	ng		97
27) 2,4-Dimethylphenol	7.787	122	440373m	35.298	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	633753	37.226	ng		99
29) 2,4-Dichlorophenol	7.992	162	423640	32.899	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	428817	32.173	ng		98
31) Naphthalene	8.145	128	1474729	32.478	ng		100
32) Benzoic acid	7.892	122	42965m	4.764	ng		
33) 4-Chloroaniline	8.198	127	499716	26.806	ng		97
34) Hexachlorobutadiene	8.251	225	256330	33.833	ng		99
35) Caprolactam	8.586	113	84255m	20.126	ng		
36) 4-Chloro-3-methylphenol	8.692	107	453765	33.225	ng		93
37) 2-Methylnaphthalene	8.834	142	1006947	34.125	ng		99
38) 1-Methylnaphthalene	8.934	142	946177	33.216	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	439322	35.988	ng		99
41) Hexachlorocyclopentadiene	8.981	237	292032	53.724	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	285985	32.255	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	301149	31.233	ng	#	92
46) 1,1'-Biphenyl	9.298	154	1163076	34.280	ng		100
47) 2-Chloronaphthalene	9.328	162	936249	34.135	ng		99
48) 2-Nitroaniline	9.433	65	314505	34.484	ng		87
49) Acenaphthylene	9.745	152	1440578	34.566	ng		99
50) Dimethylphthalate	9.604	163	1161915	36.204	ng		100
51) 2,6-Dinitrotoluene	9.675	165	260121	36.213	ng		92
52) Acenaphthene	9.916	154	965484m	35.469	ng		
53) 3-Nitroaniline	9.845	138	218478	25.757	ng		93
54) 2,4-Dinitrophenol	9.957	184	154135	42.033	ng		92
55) Dibenzofuran	10.086	168	1300500	34.658	ng		96
56) 4-Nitrophenol	10.028	139	114717	18.332	ng		93
57) 2,4-Dinitrotoluene	10.080	165	330539	35.225	ng		94
58) Fluorene	10.433	166	1076162	35.843	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	219208	29.419	ng		96
60) Diethylphthalate	10.298	149	1163905	37.516	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	499004	37.699	ng	#	88
62) 4-Nitroaniline	10.463	138	265362	31.536	ng		98
63) Azobenzene	10.580	77	1084093	34.259	ng		94
65) 4,6-Dinitro-2-methylph...	10.492	198	128262	26.511	ng		93
66) n-Nitrosodiphenylamine	10.545	169	934382	36.603	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	322475	38.418	ng		97
68) Hexachlorobenzene	10.980	284	348331	38.300	ng		98
69) Atrazine	11.075	200	311915	40.228	ng		99
70) Pentachlorophenol	11.180	266	195077	39.455	ng		97
71) Phenanthrene	11.398	178	1463670	34.980	ng		99
72) Anthracene	11.451	178	1496275	36.389	ng		99
73) Carbazole	11.610	167	1369052	35.369	ng		99
74) Di-n-butylphthalate	11.922	149	1734251	37.622	ng		100
75) Fluoranthene	12.586	202	1451840	34.244	ng		99
77) Benzidine	12.704	184	279090	18.751	ng		98
78) Pyrene	12.816	202	1433580	40.690	ng		99
80) Butylbenzylphthalate	13.421	149	645799	42.259	ng		99
81) Benzo(a)anthracene	14.010	228	1003414	34.865	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	301416	31.720	ng		97
83) Chrysene	14.045	228	901306	33.229	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	860766	42.784	ng		99
85) Di-n-octyl phthalate	14.592	149	1173463	40.532	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	998866	40.186	ng		99
88) Benzo(b)fluoranthene	15.057	252	878317	35.873	ng		99
89) Benzo(k)fluoranthene	15.092	252	778143	32.431	ng		98
90) Benzo(a)pyrene	15.427	252	732687	36.863	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	865694	42.791	ng		100
92) Benzo(g,h,i)perylene	17.433	276	888499	42.980	ng		99

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

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