Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
Data File : BF128398.D
Acq On : 23 May 2022 14:05
Operator : CG\JU
Sample : N2959-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 01:22:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 05:28:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
284MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	83759	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	316301	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	170876	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	293764	20.000	ng		0.00
76) Chrysene-d12	14.045	240	190848	20.000	ng		0.00
86) Perylene-d12	15.527	264	197000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	594186	112.892	ng		0.01
7) Phenol-d6	6.498	99	672378	97.015	ng		0.00
23) Nitrobenzene-d5	7.428	82	545270	77.239	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	200051	113.521	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	881238	84.337	ng		0.00
79) Terphenyl-d14	12.974	244	879892	89.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	98688	38.278	ng	#	83
3) Pyridine	3.504	79	134685	20.172	ng		98
4) n-Nitrosodimethylamine	3.428	42	139104	43.793	ng		100
6) Aniline	6.528	93	120588	15.212	ng	#	87
8) 2-Chlorophenol	6.651	128	248684	46.212	ng		94
9) Benzaldehyde	6.422	77	89014	20.337	ng		96
10) Phenol	6.510	94	273410	37.096	ng		98
11) bis(2-Chloroethyl)ether	6.592	93	265078	48.191	ng		99
12) 1,3-Dichlorobenzene	6.798	146	271517	44.931	ng		98
13) 1,4-Dichlorobenzene	6.875	146	274049	44.691	ng		98
14) 1,2-Dichlorobenzene	7.028	146	258237	45.418	ng		99
15) Benzyl Alcohol	7.004	79	233647	45.538	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	367140	45.262	ng		79
17) 2-Methylphenol	7.116	107	194662	43.075	ng		96
18) Hexachloroethane	7.363	117	104921	46.188	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	182280	43.975	ng		99
20) 3+4-Methylphenols	7.269	107	232518	42.734	ng	#	58
22) Acetophenone	7.269	105	334133	43.392	ng	#	89
24) Nitrobenzene	7.445	77	297172	44.975	ng		98
25) Isophorone	7.681	82	527583	48.767	ng		99
26) 2-Nitrophenol	7.757	139	130447	45.556	ng		97
27) 2,4-Dimethylphenol	7.798	122	214390	51.423	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	318804	46.625	ng		99
29) 2,4-Dichlorophenol	8.004	162	207076	45.822	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	229885	44.797	ng		99
31) Naphthalene	8.163	128	719872	46.703	ng		100
32) Benzoic acid	7.933	122	122589	41.296	ng		99
33) 4-Chloroaniline	8.222	127	71766	11.635	ng		98
34) Hexachlorobutadiene	8.269	225	146831	44.178	ng		99
35) Caprolactam	8.592	113	55930m	38.343	ng		
36) 4-Chloro-3-methylphenol	8.704	107	218245	44.565	ng		98
37) 2-Methylnaphthalene	8.851	142	469464	46.450	ng		99
38) 1-Methylnaphthalene	8.951	142	439772	45.236	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	232978	46.758	ng		99
41) Hexachlorocyclopentadiene	8.998	237	186070	100.977	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	140891	44.803	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	146873	43.907	ng		95
46)	1,1'-Biphenyl	9.316	154	584043	47.301	ng		99
47)	2-Chloronaphthalene	9.345	162	429426	46.887	ng		99
48)	2-Nitroaniline	9.451	65	148811	44.848	ng		100
49)	Acenaphthylene	9.763	152	665628	48.570	ng		100
50)	Dimethylphthalate	9.622	163	496479	45.612	ng		99
51)	2,6-Dinitrotoluene	9.692	165	113988	47.883	ng		95
52)	Acenaphthene	9.933	154	403522	46.889	ng		99
53)	3-Nitroaniline	9.863	138	59481	22.197	ng		99
54)	2,4-Dinitrophenol	9.980	184	112374	93.078	ng		90
55)	Dibenzofuran	10.110	168	584448	44.794	ng		97
56)	4-Nitrophenol	10.039	139	103709	67.289	ng		99
57)	2,4-Dinitrotoluene	10.098	165	136884	45.638	ng	#	76
58)	Fluorene	10.451	166	468871	45.853	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.227	232	119512	43.496	ng		99
60)	Diethylphthalate	10.322	149	472850	45.081	ng		98
61)	4-Chlorophenyl-phenyle...	10.439	204	227994	45.242	ng		99
62)	4-Nitroaniline	10.486	138	106722m	39.351	ng		
63)	Azobenzene	10.598	77	525317	44.697	ng		99
65)	4,6-Dinitro-2-methylph...	10.510	198	78237	43.333	ng		93
66)	n-Nitrosodiphenylamine	10.563	169	405153	47.640	ng		98
67)	4-Bromophenyl-phenylether	10.927	248	145885	47.452	ng		100
68)	Hexachlorobenzene	10.998	284	159579	47.740	ng		93
69)	Atrazine	11.086	200	103162	36.954	ng		96
70)	Pentachlorophenol	11.198	266	120805	89.306	ng		97
71)	Phenanthrene	11.416	178	666220	46.471	ng		100
72)	Anthracene	11.469	178	681922	47.859	ng		100
73)	Carbazole	11.627	167	598276	42.105	ng		100
74)	Di-n-butylphthalate	11.945	149	699932	45.094	ng		100
75)	Fluoranthene	12.610	202	673062	43.351	ng		98
77)	Benzidine	12.739	184	68883	17.354	ng		98
78)	Pyrene	12.839	202	676388	47.335	ng		99
80)	Butylbenzylphthalate	13.445	149	258905	45.180	ng		100
81)	Benzo(a)anthracene	14.033	228	569263	46.882	ng		99
82)	3,3'-Dichlorobenzidine	13.992	252	109493	39.515	ng		100
83)	Chrysene	14.068	228	528401	45.691	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.998	149	338989	44.735	ng		98
85)	Di-n-octyl phthalate	14.615	149	537542	44.144	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.051	276	630564	56.079	ng		99
88)	Benzo(b)fluoranthene	15.092	252	576112	47.012	ng		99
89)	Benzo(k)fluoranthene	15.121	252	513586	44.746	ng		98
90)	Benzo(a)pyrene	15.468	252	538617	54.751	ng		99
91)	Dibenzo(a,h)anthracene	17.056	278	540711	59.932	ng		97
92)	Benzo(g,h,i)perylene	17.503	276	581942	61.827	ng		99

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

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