Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131812.D
Acq On : 23 Dec 2022 18:20
Operator : CG\JU
Sample : N6051-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-591MSD

Quant Time: Dec 24 03:08:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	77382	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	285663	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	163130	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	307533	20.000	ng		0.00
76) Chrysene-d12	14.062	240	183343	20.000	ng	#	0.00
86) Perylene-d12	15.556	264	172859	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	222891	48.503	ng		0.00
7) Phenol-d6	6.475	99	201153	32.521	ng		-0.01
23) Nitrobenzene-d5	7.422	82	565742	80.399	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	184534	103.350	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	967395	83.072	ng		0.00
79) Terphenyl-d14	12.992	244	524958	44.625	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	30674	14.284	ng		97
3) Pyridine	3.351	79	28066	4.583	ng		95
4) n-Nitrosodimethylamine	3.275	42	42745	15.429	ng		87
6) Aniline	6.510	93	45909	6.012	ng		97
8) 2-Chlorophenol	6.633	128	130440	26.427	ng		96
9) Benzaldehyde	6.398	77	184223	52.400	ng		95
10) Phenol	6.492	94	78356	10.610	ng		92
11) bis(2-Chloroethyl)ether	6.581	93	216356	40.940	ng		99
12) 1,3-Dichlorobenzene	6.786	146	231458	41.484	ng		98
13) 1,4-Dichlorobenzene	6.863	146	231002	40.504	ng		97
14) 1,2-Dichlorobenzene	7.016	146	225858	42.297	ng		100
15) Benzyl Alcohol	6.992	79	107202	19.405	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	299853	44.498	ng		97
17) 2-Methylphenol	7.110	107	95020	20.392	ng		95
18) Hexachloroethane	7.363	117	93606	41.404	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	188990	42.366	ng		96
20) 3+4-Methylphenols	7.263	107	76878	12.819	ng	#	1
22) Acetophenone	7.263	105	353531	42.408	ng		96
24) Nitrobenzene	7.439	77	290116	40.555	ng		98
25) Isophorone	7.675	82	514998	43.096	ng		98
26) 2-Nitrophenol	7.757	139	90707	32.445	ng		96
27) 2,4-Dimethylphenol	7.798	122	134910	33.881	ng		97
28) bis(2-Chloroethoxy)met...	7.886	93	283297	44.643	ng		100
29) 2,4-Dichlorophenol	8.004	162	141342	29.403	ng		97
30) 1,2,4-Trichlorobenzene	8.080	180	228185	40.378	ng		98
31) Naphthalene	8.163	128	638176	40.906	ng		100
32) Benzoic acid	7.916	122	24208	7.595	ng		95
33) 4-Chloroaniline	8.210	127	60137	9.884	ng		98
34) Hexachlorobutadiene	8.275	225	143152	37.651	ng		98
35) Caprolactam	8.586	113	8702	6.004	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	147957	26.944	ng		98
37) 2-Methylnaphthalene	8.857	142	427403	40.163	ng		100
38) 1-Methylnaphthalene	8.957	142	405539	39.347	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	235344	42.168	ng		99
41) Hexachlorocyclopentadiene	9.010	237	221404	87.561	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	119218	32.700	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	127050	32.190	ng		95
46) 1,1'-Biphenyl	9.327	154	541652	44.143	ng		99
47) 2-Chloronaphthalene	9.351	162	434753	43.269	ng		99
48) 2-Nitroaniline	9.451	65	141427	39.052	ng		92
49) Acenaphthylene	9.769	152	648061	43.002	ng		100
50) Dimethylphthalate	9.633	163	610278	49.718	ng		100
51) 2,6-Dinitrotoluene	9.698	165	114904	43.535	ng		98
52) Acenaphthene	9.945	154	392090	42.471	ng		99
53) 3-Nitroaniline	9.869	138	50523	18.708	ng		92
54) 2,4-Dinitrophenol	9.974	184	95147	60.164	ng		90
55) Dibenzofuran	10.116	168	605985	42.806	ng		99
56) 4-Nitrophenol	10.033	139	43447	22.478	ng		95
57) 2,4-Dinitrotoluene	10.104	165	152394	42.969	ng		98
58) Fluorene	10.463	166	479306	41.876	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	111523m	33.846	ng		
60) Diethylphthalate	10.333	149	512613	43.341	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	254190	41.785	ng		100
62) 4-Nitroaniline	10.486	138	77760	28.609	ng		93
63) Azobenzene	10.616	77	552072	42.506	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	69049	32.703	ng		81
66) n-Nitrosodiphenylamine	10.574	169	404796	42.445	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	151969	41.840	ng		97
68) Hexachlorobenzene	11.010	284	155149	38.838	ng	#	91
69) Atrazine	11.104	200	135261	42.548	ng		98
70) Pentachlorophenol	11.210	266	144990	68.385	ng		99
71) Phenanthrene	11.427	178	684776	40.835	ng		99
72) Anthracene	11.480	178	682623	41.574	ng		99
73) Carbazole	11.639	167	613786	43.207	ng		99
74) Di-n-butylphthalate	11.968	149	742201	41.959	ng		99
75) Fluoranthene	12.621	202	705166	37.758	ng		97
77) Benzidine	12.751	184	7526	2.239	ng		96
78) Pyrene	12.857	202	704191	42.245	ng		99
80) Butylbenzylphthalate	13.474	149	270159	45.952	ng		98
81) Benzo(a)anthracene	14.051	228	501481	37.978	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	130232	35.326	ng	#	98
83) Chrysene	14.086	228	468060	37.556	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	329941	47.064	ng		97
85) Di-n-octyl phthalate	14.657	149	483742	49.432	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	495561	42.682	ng		99
88) Benzo(b)fluoranthene	15.115	252	441036	36.063	ng		98
89) Benzo(k)fluoranthene	15.151	252	399110	33.445	ng		99
90) Benzo(a)pyrene	15.492	252	357311	36.885	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	420954	43.872	ng		99
92) Benzo(g,h,i)perylene	17.533	276	414522	43.709	ng		97

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

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