Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
Data File : BP011788.D
Acq On : 23 Sep 2022 18:10
Operator : CG/JU
Sample : N4780-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 01:36:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	493307	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	2018558	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	1081608	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1999137	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1494338	20.000	ng		0.00
86) Perylene-d12	23.845	264	1125033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3423324	121.761	ng		0.00
7) Phenol-d6	7.081	99	4543457	109.294	ng		0.00
23) Nitrobenzene-d5	9.087	82	2709152	70.247	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	876781	120.388	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	5056111	73.924	ng		0.00
79) Terphenyl-d14	19.875	244	5467956	84.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	502643	42.521	ng		94
3) Pyridine	3.764	79	1441156	39.503	ng		93
4) n-Nitrosodimethylamine	3.670	42	623293	38.634	ng	#	88
6) Aniline	7.246	93	2168943	41.942	ng		99
8) 2-Chlorophenol	7.481	128	1702175	49.763	ng		97
9) Benzaldehyde	7.052	77	1027992m	39.526	ng		
10) Phenol	7.111	94	2231502	47.654	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	1674251	45.168	ng		98
12) 1,3-Dichlorobenzene	7.805	146	1771795	49.294	ng		99
13) 1,4-Dichlorobenzene	7.952	146	1793326	48.689	ng		100
14) 1,2-Dichlorobenzene	8.269	146	1732360	48.076	ng		99
15) Benzyl Alcohol	8.163	79	1363344m	44.387	ng		
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2536172	41.423	ng		98
17) 2-Methylphenol	8.363	107	1413321	46.048	ng		99
18) Hexachloroethane	8.999	117	677831	48.068	ng		98
19) n-Nitroso-di-n-propyla...	8.734	70	1227020	40.149	ng		97
20) 3+4-Methylphenols	8.693	107	1882197	43.677	ng		99
22) Acetophenone	8.752	105	2488042	49.069	ng	#	97
24) Nitrobenzene	9.128	77	1862731	46.747	ng		97
25) Isophorone	9.657	82	3416074	47.216	ng		99
26) 2-Nitrophenol	9.840	139	810987	50.229	ng		96
27) 2,4-Dimethylphenol	9.899	122	1528613	59.822	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	2172120	51.516	ng		99
29) 2,4-Dichlorophenol	10.375	162	1431134	52.345	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	1424062	50.022	ng		99
31) Naphthalene	10.781	128	4973661	46.476	ng		100
32) Benzoic acid	10.063	122	987905	45.553	ng		96
33) 4-Chloroaniline	10.893	127	870379	19.508	ng		100
34) Hexachlorobutadiene	11.063	225	744924	51.879	ng		98
35) Caprolactam	11.699	113	473373m	42.602	ng		
36) 4-Chloro-3-methylphenol	12.016	107	1553841	46.827	ng		99
37) 2-Methylnaphthalene	12.387	142	3342967	45.234	ng		100
38) 1-Methylnaphthalene	12.604	142	3188736	43.815	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1423558	58.400	ng		99
41) Hexachlorocyclopentadiene	12.734	237	1853320	155.029	ng		98
43) 2,4,6-Trichlorophenol	12.993	196	985498	55.852	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	1069295	52.725	ng	99
46)	1,1'-Biphenyl	13.398	154	4183673	53.238	ng	99
47)	2-Chloronaphthalene	13.440	162	3116007	51.120	ng	99
48)	2-Nitroaniline	13.645	65	1023478	47.094	ng	95
49)	Acenaphthylene	14.287	152	4992020	49.340	ng	100
50)	Dimethylphthalate	14.022	163	3671936	46.301	ng	100
51)	2,6-Dinitrotoluene	14.140	165	801213	48.933	ng	99
52)	Acenaphthene	14.628	154	2989678	48.180	ng	100
53)	3-Nitroaniline	14.469	138	709729	35.391	ng	99
54)	2,4-Dinitrophenol	14.675	184	859942	97.807	ng	96
55)	Dibenzofuran	14.963	168	4452647	46.817	ng	100
56)	4-Nitrophenol	14.781	139	1575715	94.616	ng	96
57)	2,4-Dinitrotoluene	14.928	165	1079458	44.576	ng	95
58)	Fluorene	15.610	166	3665810	45.432	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.187	232	790088m	47.714	ng	
60)	Diethylphthalate	15.387	149	3755060	45.348	ng	99
61)	4-Chlorophenyl-phenyle...	15.604	204	1645636	48.781	ng	99
62)	4-Nitroaniline	15.640	138	915435	39.488	ng	97
63)	Azobenzene	15.898	77	3988761	43.992	ng	99
65)	4,6-Dinitro-2-methylph...	15.692	198	481278	47.560	ng	93
66)	n-Nitrosodiphenylamine	15.822	169	3071857	51.569	ng	98
67)	4-Bromophenyl-phenylether	16.504	248	890123	54.294	ng	96
68)	Hexachlorobenzene	16.616	284	920450	52.840	ng	98
69)	Atrazine	16.781	200	978722	56.739	ng	99
70)	Pentachlorophenol	16.963	266	1191519	94.250	ng	99
71)	Phenanthrene	17.363	178	5316280	47.149	ng	100
72)	Anthracene	17.451	178	5378503	49.874	ng	100
73)	Carbazole	17.722	167	5060616	47.914	ng	100
74)	Di-n-butylphthalate	18.269	149	6358096	49.976	ng	99
75)	Fluoranthene	19.322	202	5554220	45.312	ng	100
77)	Benzidine	19.504	184	3617915	124.746	ng	99
78)	Pyrene	19.675	202	5746632	57.551	ng	99
80)	Butylbenzylphthalate	20.551	149	2562243	52.488	ng	93
81)	Benzo(a)anthracene	21.386	228	4864986	49.343	ng	100
82)	3,3'-Dichlorobenzidine	21.322	252	1168675	40.643	ng	100
83)	Chrysene	21.439	228	4419269	47.304	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.310	149	3855322	53.755	ng	100
85)	Di-n-octyl phthalate	22.251	149	5927006	52.023	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.410	276	3341906	37.963	ng	100
88)	Benzo(b)fluoranthene	23.104	252	4097608	58.663	ng	99
89)	Benzo(k)fluoranthene	23.151	252	3913489	54.679	ng	99
90)	Benzo(a)pyrene	23.739	252	3335067	56.433	ng	99
91)	Dibenzo(a,h)anthracene	26.427	278	2923720	40.002	ng	98
92)	Benzo(g,h,i)perylene	27.192	276	2751436	38.889	ng	99

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

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