Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
Data File : BP008179.D
Acq On : 01 Dec 2021 18:44
Operator : CG/JU
Sample : M4863-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 01 19:13:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
C-6MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

12/03/2021
Supervised By :mohammad ahmed

12/05/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	89443	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	301765	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	163727	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	308841	20.000	ng		0.00
76) Chrysene-d12	21.310	240	366521	20.000	ng		0.00
86) Perylene-d12	23.698	264	460452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	703972	126.724	ng		0.00
7) Phenol-d6	6.987	99	788222	105.110	ng		0.00
23) Nitrobenzene-d5	8.957	82	649355	97.852	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	296808	141.830	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	1194883	106.006	ng		0.00
79) Terphenyl-d14	19.775	244	1592802	90.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	115411	44.531	ng	#	65
3) Pyridine	3.711	79	178017	25.735	ng		98
4) n-Nitrosodimethylamine	3.611	42	144157	49.965	ng		99
6) Aniline	7.128	93	117541	13.371	ng		94
8) 2-Chlorophenol	7.369	128	274386	48.251	ng		99
9) Benzaldehyde	6.940	77	153243	36.503	ng		98
10) Phenol	7.010	94	318962	41.390	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	302053	49.039	ng		99
12) 1,3-Dichlorobenzene	7.687	146	313360	47.740	ng		99
13) 1,4-Dichlorobenzene	7.834	146	319544	48.016	ng		98
14) 1,2-Dichlorobenzene	8.152	146	306749	46.347	ng		99
15) Benzyl Alcohol	8.046	79	279478	47.038	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	433996	46.697	ng		99
17) 2-Methylphenol	8.257	107	224159	44.711	ng		99
18) Hexachloroethane	8.875	117	121138	48.954	ng		94
19) n-Nitroso-di-n-propyla...	8.610	70	221332	42.654	ng		99
20) 3+4-Methylphenols	8.581	107	288477	41.692	ng		98
22) Acetophenone	8.628	105	423947	51.362	ng	#	99
24) Nitrobenzene	8.999	77	349383	54.289	ng		99
25) Isophorone	9.534	82	565721	48.728	ng		100
26) 2-Nitrophenol	9.710	139	147659	53.179	ng		96
27) 2,4-Dimethylphenol	9.781	122	229756	55.328	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	349601	47.248	ng		99
29) 2,4-Dichlorophenol	10.257	162	249104	50.227	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	301376	52.354	ng		97
31) Naphthalene	10.646	128	780705	50.503	ng		100
32) Benzoic acid	9.957	122	148519	43.723	ng		99
33) 4-Chloroaniline	10.769	127	64167	10.006	ng		98
34) Hexachlorobutadiene	10.934	225	214017	54.327	ng		97
35) Caprolactam	11.563	113	52507	47.661	ng		97
36) 4-Chloro-3-methylphenol	11.904	107	255804	45.119	ng		95
37) 2-Methylnaphthalene	12.263	142	545896	49.930	ng		98
38) 1-Methylnaphthalene	12.481	142	498091	46.803	ng		100
40) 1,2,4,5-Tetrachloroben...	12.634	216	320792	60.317	ng		99
41) Hexachlorocyclopentadiene	12.610	237	338212	165.407	ng		98
43) 2,4,6-Trichlorophenol	12.881	196	195269	54.191	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	202942	52.560	ng	99
46) 1,1'-Biphenyl	13.275	154	651938	54.881	ng	99
47) 2-Chloronaphthalene	13.316	162	531050	56.608	ng	99
48) 2-Nitroaniline	13.528	65	168001	51.968	ng	96
49) Acenaphthylene	14.163	152	790814	54.642	ng	99
50) Dimethylphthalate	13.910	163	621850	50.579	ng	100
51) 2,6-Dinitrotoluene	14.028	165	133889	52.472	ng	97
52) Acenaphthene	14.510	154	459891	53.321	ng	99
53) 3-Nitroaniline	14.357	138	75973	29.380	ng	98
54) 2,4-Dinitrophenol	14.575	184	167289	110.886	ng	95
55) Dibenzofuran	14.845	168	743682	50.457	ng	99
56) 4-Nitrophenol	14.687	139	186326	94.008	ng	91
57) 2,4-Dinitrotoluene	14.822	165	179157	51.163	ng	99
58) Fluorene	15.498	166	571648	47.738	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	169157m	49.267	ng	
60) Diethylphthalate	15.275	149	584043	47.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	310274	47.238	ng	98
62) 4-Nitroaniline	15.522	138	116909	43.569	ng	97
63) Azobenzene	15.787	77	606220	48.576	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	105500	52.227	ng	98
66) n-Nitrosodiphenylamine	15.710	169	482480	53.932	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	191945	55.891	ng	97
68) Hexachlorobenzene	16.510	284	210900	57.450	ng	98
69) Atrazine	16.669	200	139097	59.908	ng	97
70) Pentachlorophenol	16.863	266	252169	115.520	ng	99
71) Phenanthrene	17.245	178	877341	53.804	ng	100
72) Anthracene	17.339	178	886284	54.768	ng	99
73) Carbazole	17.616	167	743313	47.054	ng	100
74) Di-n-butylphthalate	18.169	149	920113	46.529	ng	100
75) Fluoranthene	19.222	202	1058914	48.206	ng	99
77) Benzidine	19.404	184	357735	71.154	ng	98
78) Pyrene	19.575	202	1104140	48.001	ng	100
80) Butylbenzylphthalate	20.457	149	444569	42.595	ng	98
81) Benzo(a)anthracene	21.292	228	1228544	50.575	ng	100
82) 3,3'-Dichlorobenzidine	21.221	252	223200	19.502	ng	98
83) Chrysene	21.345	228	1215868	52.600	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	645005	40.703	ng	98
85) Di-n-octyl phthalate	22.139	149	1254020	46.584	ng	99
87) Indeno(1,2,3-cd)pyrene	26.209	276	1940449	57.927	ng	97
88) Benzo(b)fluoranthene	22.974	252	1542400	55.565	ng	99
89) Benzo(k)fluoranthene	23.021	252	1425269	52.446	ng	99
90) Benzo(a)pyrene	23.598	252	1515723	63.889	ng	98
91) Dibenzo(a,h)anthracene	26.215	278	1653106	59.420	ng	98
92) Benzo(g,h,i)perylene	26.962	276	1660504	59.164	ng	97

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

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