Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009683.D
Acq On : 04 Apr 2022 17:33
Operator : CG/JU
Sample : N2207-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220349-AMENDED-096-21-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 23:26:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	247713	20.000	ng		-0.02
21) Naphthalene-d8	10.516	136	987170	20.000	ng		-0.02
39) Acenaphthene-d10	14.375	164	614959	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1270795	20.000	ng		-0.02
76) Chrysene-d12	21.263	240	1233105	20.000	ng		-0.01
86) Perylene-d12	23.639	264	1305913	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	544564	38.382	ng		0.00
7) Phenol-d6	6.922	99	1083748	56.483	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1254532	67.533	ng		-0.01
42) 2,4,6-Tribromophenol	15.881	330	258727	25.496	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	2604295	58.708	ng		-0.02
79) Terphenyl-d14	19.722	244	3634368	52.901	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	251064	44.676	ng		99
3) Pyridine	3.652	79	741820	49.013	ng		99
4) n-Nitrosodimethylamine	3.564	42	311732	55.925	ng		95
6) Aniline	7.058	93	735318	33.625	ng		99
8) 2-Chlorophenol	7.299	128	846447	52.319	ng		99
9) Benzaldehyde	6.875	77	382197	42.003	ng		98
10) Phenol	6.952	94	1050194	54.557	ng		98
11) bis(2-Chloroethyl)ether	7.158	93	775126	50.880	ng		98
12) 1,3-Dichlorobenzene	7.616	146	876441	47.998	ng		99
13) 1,4-Dichlorobenzene	7.758	146	893699	47.869	ng		100
14) 1,2-Dichlorobenzene	8.075	146	855122	47.388	ng		100
15) Benzyl Alcohol	7.975	79	737368	48.201	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	892167	54.025	ng		97
17) 2-Methylphenol	8.187	107	692592	52.212	ng		98
18) Hexachloroethane	8.793	117	312429	47.751	ng		97
19) n-Nitroso-di-n-propyla...	8.540	70	599542	49.402	ng		99
20) 3+4-Methylphenols	8.522	107	929837	50.979	ng		98
22) Acetophenone	8.552	105	1175569	48.114	ng	#	98
24) Nitrobenzene	8.928	77	892604	50.865	ng		99
25) Isophorone	9.457	82	1674710	52.852	ng		99
26) 2-Nitrophenol	9.640	139	449176	49.106	ng		96
27) 2,4-Dimethylphenol	9.710	122	767688	59.478	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1011277	49.016	ng		98
29) 2,4-Dichlorophenol	10.187	162	784735	49.844	ng		99
30) 1,2,4-Trichlorobenzene	10.381	180	817033	44.792	ng		99
31) Naphthalene	10.563	128	2414533	47.484	ng		100
32) Benzoic acid	9.922	122	533954	52.913	ng		98
33) 4-Chloroaniline	10.693	127	417253	20.109	ng		99
34) Hexachlorobutadiene	10.851	225	515734	41.728	ng		99
35) Caprolactam	11.498	113	253256m	47.664	ng		
36) 4-Chloro-3-methylphenol	11.840	107	812315	48.015	ng		100
37) 2-Methylnaphthalene	12.187	142	1678111	47.035	ng		99
38) 1-Methylnaphthalene	12.404	142	1612392	46.392	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	925053	45.338	ng		99
41) Hexachlorocyclopentadiene	12.540	237	328333	40.888	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	628740	46.491	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	682439	46.468	ng	99
46) 1,1'-Biphenyl	13.204	154	2174824	47.406	ng	99
47) 2-Chloronaphthalene	13.245	162	1698106	47.015	ng	100
48) 2-Nitroaniline	13.463	65	518130	52.670	ng	100
49) Acenaphthylene	14.092	152	2814155	50.471	ng	100
50) Dimethylphthalate	13.845	163	2126402	45.634	ng	99
51) 2,6-Dinitrotoluene	13.963	165	476426	48.799	ng	98
52) Acenaphthene	14.440	154	1593612	47.846	ng	99
53) 3-Nitroaniline	14.298	138	268808	26.067	ng	99
54) 2,4-Dinitrophenol	14.522	184	494290	81.393	ng	98
55) Dibenzofuran	14.781	168	2524983	45.125	ng	98
56) 4-Nitrophenol	14.640	139	737766	95.979	ng	98
57) 2,4-Dinitrotoluene	14.763	165	643745	47.954	ng	93
58) Fluorene	15.434	166	2028168	46.087	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.022	232	573589	43.082	ng	96
60) Diethylphthalate	15.210	149	2114749	45.345	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	1057304	43.614	ng	97
62) 4-Nitroaniline	15.469	138	483717	44.665	ng	97
63) Azobenzene	15.722	77	1995817	49.195	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	342110	41.866	ng	97
66) n-Nitrosodiphenylamine	15.645	169	1797007	47.785	ng	98
67) 4-Bromophenyl-phenylether	16.328	248	674915	43.402	ng	96
68) Hexachlorobenzene	16.451	284	765587	42.778	ng	99
69) Atrazine	16.616	200	667331	50.471	ng	99
70) Pentachlorophenol	16.804	266	856594	89.538	ng	99
71) Phenanthrene	17.186	178	3216108	47.278	ng	100
72) Anthracene	17.281	178	3283807	48.893	ng	100
73) Carbazole	17.557	167	3042889	46.326	ng	100
74) Di-n-butylphthalate	18.116	149	3645921	47.367	ng	99
75) Fluoranthene	19.175	202	3813262	46.302	ng	98
77) Benzidine	19.357	184	1029269	34.054	ng	100
78) Pyrene	19.522	202	3945256	48.553	ng	99
80) Butylbenzylphthalate	20.410	149	1660614	48.082	ng	97
81) Benzo(a)anthracene	21.251	228	3910739	48.272	ng	99
82) 3,3'-Dichlorobenzidine	21.180	252	1264768	40.412	ng	98
83) Chrysene	21.298	228	3616058	47.137	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2388611	49.618	ng	100
85) Di-n-octyl phthalate	22.092	149	4113438	49.573	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	4563392	46.059	ng	97
88) Benzo(b)fluoranthene	22.916	252	3984181	51.106	ng	99
89) Benzo(k)fluoranthene	22.968	252	3953384	51.793	ng	98
90) Benzo(a)pyrene	23.533	252	3911693	58.646	ng	99
91) Dibenzo(a,h)anthracene	26.127	278	3989243	48.312	ng	98
92) Benzo(g,h,i)perylene	26.874	276	3962911	48.785	ng	97

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

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