Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008643.D
Acq On : 03 Jan 2022 18:15
Operator : CG/JU
Sample : M5257-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D3-12292021MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022

Quant Time: Jan 04 06:00:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	569082	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	1968091	20.000	ng		0.00
39) Acenaphthene-d10	14.522	164	1100415	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2085860	20.000	ng		0.00
76) Chrysene-d12	21.357	240	2066631	20.000	ng		0.00
86) Perylene-d12	23.774	264	2469525	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3755190	120.444	ng		0.00
7) Phenol-d6	7.063	99	3849678	88.709	ng		0.00
23) Nitrobenzene-d5	9.046	82	3065319	92.654	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	2143328	143.962	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	7550555	99.411	ng		0.00
79) Terphenyl-d14	19.827	244	10025202	99.047	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	527806	41.905	ng	#	7
3) Pyridine	3.781	79	949156	27.626	ng		99
4) n-Nitrosodimethylamine	3.687	42	503109	45.350	ng		98
6) Aniline	7.216	93	785528	15.574	ng		99
8) 2-Chlorophenol	7.457	128	1665002	45.336	ng		100
9) Benzaldehyde	7.022	77	690629	27.962	ng		99
10) Phenol	7.087	94	1483291	33.857	ng		99
11) bis(2-Chloroethyl)ether	7.310	93	1611526	45.608	ng		100
12) 1,3-Dichlorobenzene	7.781	146	1974610	45.932	ng		100
13) 1,4-Dichlorobenzene	7.928	146	2009915	45.965	ng		99
14) 1,2-Dichlorobenzene	8.246	146	1917696	44.891	ng		99
15) Benzyl Alcohol	8.128	79	1231531	39.619	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1645012	40.914	ng		99
17) 2-Methylphenol	8.340	107	1208668	39.645	ng		99
18) Hexachloroethane	8.975	117	671407	47.096	ng		95
19) n-Nitroso-di-n-propyla...	8.699	70	1034894	37.343	ng		100
20) 3+4-Methylphenols	8.663	107	1539931	35.954	ng		99
22) Acetophenone	8.710	105	2342935	49.645	ng	#	99
24) Nitrobenzene	9.087	77	1588891	50.427	ng		99
25) Isophorone	9.622	82	2697386	43.645	ng		99
26) 2-Nitrophenol	9.799	139	853088	57.005	ng		98
27) 2,4-Dimethylphenol	9.869	122	1362805	50.467	ng		99
28) bis(2-Chloroethoxy)met...	10.104	93	1872034	43.751	ng		98
29) 2,4-Dichlorophenol	10.340	162	1524507	46.645	ng		100
30) 1,2,4-Trichlorobenzene	10.557	180	1882040	48.834	ng		99
31) Naphthalene	10.740	128	4944302	48.401	ng		100
32) Benzoic acid	9.951	122	140318	8.227	ng		96
33) 4-Chloroaniline	10.851	127	216674m	4.947	ng		
34) Hexachlorobutadiene	11.040	225	1175515	50.243	ng		99
35) Caprolactam	11.628	113	255480	23.782	ng		98
36) 4-Chloro-3-methylphenol	11.981	107	1276116	39.061	ng		99
37) 2-Methylnaphthalene	12.351	142	3526636	45.865	ng		99
38) 1-Methylnaphthalene	12.569	142	3208732	42.683	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	2051582	59.179	ng		99
41) Hexachlorocyclopentadiene	12.704	237	2379636	129.082	ng		100
43) 2,4,6-Trichlorophenol	12.957	196	1189110	52.719	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1256519	50.453	ng	100
46) 1,1'-Biphenyl	13.357	154	4416300	54.259	ng	99
47) 2-Chloronaphthalene	13.398	162	3378694	52.967	ng	99
48) 2-Nitroaniline	13.592	65	692733	49.540	ng	98
49) Acenaphthylene	14.239	152	4989023	50.918	ng	100
50) Dimethylphthalate	13.981	163	3862435	45.572	ng	100
51) 2,6-Dinitrotoluene	14.092	165	857927	49.330	ng	97
52) Acenaphthene	14.586	154	3155762	49.226	ng	100
53) 3-Nitroaniline	14.416	138	342907	18.944	ng	97
54) 2,4-Dinitrophenol	14.622	184	239055	30.861	ng	97
55) Dibenzofuran	14.916	168	4850427	47.195	ng	100
56) 4-Nitrophenol	14.734	139	1123404	78.814	ng	97
57) 2,4-Dinitrotoluene	14.881	165	1118939	48.219	ng	99
58) Fluorene	15.569	166	3774323	47.128	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1059399m	47.482	ng	
60) Diethylphthalate	15.345	149	3670555	44.305	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	2056343	46.093	ng	100
62) 4-Nitroaniline	15.581	138	721328	39.238	ng	100
63) Azobenzene	15.857	77	2960900	44.282	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	291598	27.801	ng	99
66) n-Nitrosodiphenylamine	15.781	169	3250516	51.635	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	1295854	56.777	ng	97
68) Hexachlorobenzene	16.581	284	1496642	53.420	ng	99
69) Atrazine	16.733	200	1176662	49.970	ng	99
70) Pentachlorophenol	16.922	266	1744148	114.298	ng	98
71) Phenanthrene	17.316	178	5772211	51.329	ng	99
72) Anthracene	17.404	178	5800244	52.934	ng	100
73) Carbazole	17.675	167	5117373	47.583	ng	99
74) Di-n-butylphthalate	18.233	149	6034315	51.285	ng	99
75) Fluoranthene	19.274	202	6637776	51.316	ng	98
77) Benzidine	19.451	184	2031708	32.723	ng	99
78) Pyrene	19.627	202	6759980	50.280	ng	98
80) Butylbenzylphthalate	20.504	149	2681559	50.005	ng	100
81) Benzo(a)anthracene	21.339	228	6690494	49.903	ng	98
82) 3,3'-Dichlorobenzidine	21.268	252	1488460	30.194	ng	98
83) Chrysene	21.392	228	6513405	51.955	ng	98
84) Bis(2-ethylhexyl)phtha...	21.274	149	3950502	48.768	ng	99
85) Di-n-octyl phthalate	22.204	149	6892874	54.972	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	10345879	62.369	ng	99
88) Benzo(b)fluoranthene	23.039	252	7809309	49.173	ng	100
89) Benzo(k)fluoranthene	23.086	252	7528432	47.685	ng	99
90) Benzo(a)pyrene	23.674	252	7725519	60.341	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	8821549	63.039	ng	99
92) Benzo(g,h,i)perylene	27.080	276	8831232	67.490	ng	99

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

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