Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006503.D
Acq On : 05 Aug 2021 12:51
Operator : CG/JU
Sample : M3268-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20210575-COM-48MS

Quant Time: Aug 05 14:08:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	212630	20.000	ng		0.00
21) Naphthalene-d8	10.539	136	847399	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	448609	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	836382	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	783904	20.000	ng	#	0.00
86) Perylene-d12	23.562	264	894869	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1625202	117.397	ng		0.00
7) Phenol-d6	6.940	99	2095358	106.552	ng		0.00
23) Nitrobenzene-d5	8.916	82	1350117	73.540	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	528272	112.675	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2105319	70.213	ng		0.00
79) Terphenyl-d14	19.715	244	2546121	65.083	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	287441	47.692	ng		90
3) Pyridine	3.693	79	802519	45.304	ng		95
4) n-Nitrosodimethylamine	3.610	42	323560	48.394	ng	#	81
6) Aniline	7.093	93	913424	42.761	ng		94
8) 2-Chlorophenol	7.322	128	736620	49.178	ng		90
9) Benzaldehyde	6.904	77	523855	44.260	ng		91
10) Phenol	6.963	94	970226	49.203	ng		98
11) bis(2-Chloroethyl)ether	7.192	93	729241	48.704	ng		91
12) 1,3-Dichlorobenzene	7.645	146	767503	49.164	ng		98
13) 1,4-Dichlorobenzene	7.792	146	776972	49.040	ng		98
14) 1,2-Dichlorobenzene	8.104	146	743589	48.911	ng		97
15) Benzyl Alcohol	8.004	79	714088	48.422	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.287	45	852516	47.848	ng		90
17) 2-Methylphenol	8.204	107	616659	49.526	ng		99
18) Hexachloroethane	8.828	117	310476	49.509	ng		89
19) n-Nitroso-di-n-propyla...	8.569	70	587661	44.542	ng		97
20) 3+4-Methylphenols	8.534	107	831605	49.069	ng		98
22) Acetophenone	8.581	105	1105388	49.188	ng	#	98
24) Nitrobenzene	8.957	77	881618	46.196	ng		91
25) Isophorone	9.486	82	1476147	44.766	ng		95
26) 2-Nitrophenol	9.663	139	366359	52.750	ng		94
27) 2,4-Dimethylphenol	9.728	122	650631	55.943	ng		96
28) bis(2-Chloroethoxy)met...	9.969	93	896638	50.820	ng		98
29) 2,4-Dichlorophenol	10.192	162	581511	49.386	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	606513	47.936	ng		97
31) Naphthalene	10.592	128	2139387	46.984	ng		100
32) Benzoic acid	9.869	122	474130	52.698	ng		90
33) 4-Chloroaniline	10.704	127	320566	17.397	ng	#	94
34) Hexachlorobutadiene	10.875	225	343525	46.592	ng		99
35) Caprolactam	11.504	113	210321	49.536	ng	#	69
36) 4-Chloro-3-methylphenol	11.833	107	713900	47.720	ng		89
37) 2-Methylnaphthalene	12.204	142	1437317	46.582	ng		99
38) 1-Methylnaphthalene	12.422	142	1315746	44.872	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	590763	50.314	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	709494	113.933	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	414171	51.661	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.886	196	448433	50.531	ng	#	91
46) 1,1'-Biphenyl	13.222	154	1621683	47.759	ng		96
47) 2-Chloronaphthalene	13.263	162	1279092	48.917	ng		96
48) 2-Nitroaniline	13.469	65	479546	51.966	ng		86
49) Acenaphthylene	14.110	152	2090813	49.588	ng		100
50) Dimethylphthalate	13.857	163	1550701	47.487	ng		99
51) 2,6-Dinitrotoluene	13.975	165	344085	47.221	ng	#	85
52) Acenaphthene	14.451	154	1218948	47.503	ng		98
53) 3-Nitroaniline	14.298	138	255886	31.677	ng		82
54) 2,4-Dinitrophenol	14.504	184	388126	101.856	ng	#	81
55) Dibenzofuran	14.786	168	1844776	45.705	ng		95
56) 4-Nitrophenol	14.616	139	720112	102.664	ng		86
57) 2,4-Dinitrotoluene	14.757	165	467584	47.848	ng	#	82
58) Fluorene	15.439	166	1508940	46.772	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	354520	47.670	ng	#	72
60) Diethylphthalate	15.227	149	1768710	51.568	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	682711	46.729	ng		92
62) 4-Nitroaniline	15.469	138	385565	44.980	ng		89
63) Azobenzene	15.733	77	1844857	46.135	ng		92
65) 4,6-Dinitro-2-methylph...	15.521	198	223585	43.750	ng		74
66) n-Nitrosodiphenylamine	15.657	169	1284901	48.876	ng		100
67) 4-Bromophenyl-phenylether	16.333	248	401321	50.009	ng	#	87
68) Hexachlorobenzene	16.439	284	447657	49.019	ng	#	90
69) Atrazine	16.616	200	432525	52.725	ng		96
70) Pentachlorophenol	16.786	266	612602	105.726	ng		98
71) Phenanthrene	17.180	178	2263316	47.975	ng		99
72) Anthracene	17.274	178	2290632	50.248	ng		100
73) Carbazole	17.551	167	2161907	46.495	ng		99
74) Di-n-butylphthalate	18.115	149	2845746	53.718	ng		100
75) Fluoranthene	19.157	202	2499616	47.206	ng		94
77) Benzidine	19.345	184	1099948	56.074	ng		99
78) Pyrene	19.509	202	2560409	48.899	ng		99
80) Butylbenzylphthalate	20.398	149	1263871	54.892	ng		87
81) Benzo(a)anthracene	21.221	228	2421186	47.260	ng		99
82) 3,3'-Dichlorobenzidine	21.162	252	794356	59.062	ng	#	96
83) Chrysene	21.274	228	2362387	47.565	ng		99
84) Bis(2-ethylhexyl)phtha...	21.162	149	1887741	54.559	ng	#	96
85) Di-n-octyl phthalate	22.068	149	3172317	55.626	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.980	276	3434219	52.926	ng	#	88
88) Benzo(b)fluoranthene	22.862	252	2658049	45.703	ng	#	96
89) Benzo(k)fluoranthene	22.909	252	2626406	47.034	ng	#	96
90) Benzo(a)pyrene	23.462	252	2653407	50.865	ng	#	94
91) Dibenzo(a,h)anthracene	25.997	278	2907930	51.833	ng	#	93
92) Benzo(g,h,i)perylene	26.721	276	2880380	53.577	ng	#	90

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

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