Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005730.D
Acq On : 05 Jun 2021 01:39
Operator : CG/JU
Sample : M2589-05MS 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B8(2-4)MS

Quant Time: Jun 05 03:27:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	162550	20.000	ng		0.00
21) Naphthalene-d8	10.793	136	633090	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	393320	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	810854	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	819295	20.000	ng	#	0.00
86) Perylene-d12	23.874	264	937943	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	83170	7.955	ng		0.00
7) Phenol-d6	7.152	99	112417	7.887	ng		0.00
23) Nitrobenzene-d5	9.146	82	67323	5.914	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	30801	6.107	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	177556	5.974	ng		0.00
79) Terphenyl-d14	19.892	244	274024	6.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	19086	3.989	ng		90
3) Pyridine	3.846	79	34554	2.917	ng	#	95
4) n-Nitrosodimethylamine	3.734	42	28365	5.377	ng	#	27
6) Aniline	7.310	93	81610	4.898	ng		96
8) 2-Chlorophenol	7.552	128	83966	7.172	ng		96
9) Benzaldehyde	7.122	77	49352	7.998	ng		88
10) Phenol	7.181	94	103427	7.107	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	71171	6.334	ng		98
12) 1,3-Dichlorobenzene	7.875	146	80461	6.055	ng		99
13) 1,4-Dichlorobenzene	8.022	146	83536	6.203	ng		95
14) 1,2-Dichlorobenzene	8.340	146	82717	6.422	ng		98
15) Benzyl Alcohol	8.228	79	69994	6.846	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.510	45	75915	5.902	ng		85
17) 2-Methylphenol	8.434	107	68511	7.232	ng		96
18) Hexachloroethane	9.069	117	15451	3.233	ng		87
19) n-Nitroso-di-n-propyla...	8.793	70	58198	6.419	ng		98
20) 3+4-Methylphenols	8.763	107	91877	7.280	ng		95
22) Acetophenone	8.810	105	119501	7.076	ng	#	97
24) Nitrobenzene	9.193	77	83755	6.624	ng	#	89
25) Isophorone	9.722	82	153440	6.071	ng		99
26) 2-Nitrophenol	9.904	139	20869	8.099	ng	#	79
27) 2,4-Dimethylphenol	9.969	122	77716	8.011	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	94920	6.978	ng		96
29) 2,4-Dichlorophenol	10.445	162	83067	7.962	ng		99
30) 1,2,4-Trichlorobenzene	10.657	180	88294	7.145	ng		98
31) Naphthalene	10.845	128	498569	13.224	ng		98
32) Benzoic acid	10.081	122	37868	11.356	ng		95
33) 4-Chloroaniline	10.957	127	76147	4.851	ng	#	90
34) Hexachlorobutadiene	11.128	225	56582	7.331	ng		98
35) Caprolactam	11.734	113	23671	8.285	ng	#	78
36) 4-Chloro-3-methylphenol	12.075	107	79394	7.229	ng		94
37) 2-Methylnaphthalene	12.451	142	242130	9.064	ng	#	88
38) 1-Methylnaphthalene	12.663	142	203719	8.038	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.816	216	105162	8.015	ng		98
43) 2,4,6-Trichlorophenol	13.057	196	68172	8.566	ng		91
44) 2,4,5-Trichlorophenol	13.134	196	71851	8.349	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.451	154	254958	7.983	ng		99
47) 2-Chloronaphthalene	13.492	162	186593	7.188	ng		99
48) 2-Nitroaniline	13.692	65	53196	12.312	ng	#	75
49) Acenaphthylene	14.334	152	330653	8.171	ng		99
50) Dimethylphthalate	14.063	163	223680	7.150	ng		99
51) 2,6-Dinitrotoluene	14.186	165	29523	8.881	ng	#	67
52) Acenaphthene	14.675	154	235834	8.966	ng		94
53) 3-Nitroaniline	14.516	138	56676	11.314	ng		81
54) 2,4-Dinitrophenol	14.710	184	52	6.544	ng	#	1
55) Dibenzofuran	15.010	168	382091	9.477	ng		97
56) 4-Nitrophenol	14.828	139	65633	14.465	ng	#	62
57) 2,4-Dinitrotoluene	14.975	165	31963	7.668	ng	#	66
58) Fluorene	15.657	166	346631	10.753	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	62150	8.347	ng	#	89
60) Diethylphthalate	15.422	149	224076	7.139	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	117063	7.264	ng		100
62) 4-Nitroaniline	15.669	138	64624	11.969	ng	#	50
63) Azobenzene	15.939	77	188104	5.723	ng		90
66) n-Nitrosodiphenylamine	15.857	169	196618	7.116	ng	#	91
67) 4-Bromophenyl-phenylether	16.539	248	77039	7.887	ng		96
68) Hexachlorobenzene	16.663	284	91017	7.825	ng	#	92
69) Atrazine	16.810	200	71909	9.107	ng		97
70) Pentachlorophenol	17.010	266	80219	13.752	ng		95
71) Phenanthrene	17.398	178	1328616	26.301	ng		100
72) Anthracene	17.486	178	622944	12.489	ng		100
73) Carbazole	17.757	167	479421	9.766	ng		99
74) Di-n-butylphthalate	18.298	149	397028	7.552	ng	#	91
75) Fluoranthene	19.357	202	1420748	23.429	ng		97
77) Benzidine	19.527	184	258045	16.584	ng		99
78) Pyrene	19.704	202	1246555	21.563	ng		100
80) Butylbenzylphthalate	20.563	149	179191	11.134	ng	#	91
81) Benzo(a)anthracene	21.410	228	898930	14.950	ng		97
82) 3,3'-Dichlorobenzidine	21.333	252	149545	7.700	ng	#	95
83) Chrysene	21.463	228	817027	14.033	ng		97
84) Bis(2-ethylhexyl)phtha...	21.321	149	272957	8.358	ng		98
85) Di-n-octyl phthalate	22.251	149	463326	8.441	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.451	276	821735	10.297	ng	#	93
88) Benzo(b)fluoranthene	23.121	252	974271	14.316	ng	#	95
89) Benzo(k)fluoranthene	23.168	252	632954	9.815	ng	#	93
90) Benzo(a)pyrene	23.762	252	838856	13.550	ng	#	92
91) Dibenzo(a,h)anthracene	26.468	278	569309	8.221	ng	#	90
92) Benzo(g,h,i)perylene	27.250	276	729423	10.920	ng	#	94

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

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