Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005741.D
Acq On : 07 Jun 2021 14:22
Operator : CG/JU
Sample : M2580-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)MS

Manual Integrations APPROVED
mohammad
6/8/2021 3:37:14 PM

Quant Time: Jun 07 16:30:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	149637	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	574072	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	347062	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	712580	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	657906	20.000	ng	# 0.00
86) Perylene-d12	23.845	264	644128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1180950	122.701	ng	0.01
7) Phenol-d6	7.152	99	1280883	97.623	ng	0.01
23) Nitrobenzene-d5	9.146	82	1035774	100.341	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	751418	168.844	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	2264594	86.354	ng	0.00
79) Terphenyl-d14	19.886	244	3234418	92.250	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	173741	39.442	ng	# 40
3) Pyridine	3.828	79	319752	29.323	ng	94
4) n-Nitrosodimethylamine	3.728	42	215108	44.292	ng	# 26
6) Aniline	7.305	93	310624	20.252	ng	96
8) 2-Chlorophenol	7.546	128	506216	46.972	ng	96
9) Benzaldehyde	7.116	77	246684	43.425	ng	92
10) Phenol	7.175	94	489743	36.558	ng	98
11) bis(2-Chloroethyl)ether	7.399	93	452302	43.730	ng	96
12) 1,3-Dichlorobenzene	7.869	146	529723	43.303	ng	98
13) 1,4-Dichlorobenzene	8.016	146	541722	43.696	ng	98
14) 1,2-Dichlorobenzene	8.334	146	521638	43.995	ng	99
15) Benzyl Alcohol	8.222	79	445475	47.332	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.510	45	435685	36.798	ng	88
17) 2-Methylphenol	8.428	107	389247	44.635	ng	96
18) Hexachloroethane	9.063	117	197510	44.894	ng	93
19) n-Nitroso-di-n-propyla...	8.793	70	343475	41.155	ng	98
20) 3+4-Methylphenols	8.757	107	513751	44.220	ng	94
22) Acetophenone	8.810	105	716191	46.771	ng	# 98
24) Nitrobenzene	9.187	77	535725	46.723	ng	90
25) Isophorone	9.716	82	931108	40.629	ng	98
26) 2-Nitrophenol	9.899	139	273975	61.241	ng	# 79
27) 2,4-Dimethylphenol	9.963	122	446141	50.718	ng	99
28) bis(2-Chloroethoxy)met...	10.193	93	565334	45.836	ng	98
29) 2,4-Dichlorophenol	10.434	162	477155	50.435	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	511082	45.609	ng	98
31) Naphthalene	10.840	128	1468636	42.960	ng	98
32) Benzoic acid	10.140	122	261601	53.334	ng	97
33) 4-Chloroaniline	10.946	127	119363	8.385	ng	# 90
34) Hexachlorobutadiene	11.122	225	333152	47.600	ng	98
35) Caprolactam	11.757	113	112269m	43.333	ng	
36) 4-Chloro-3-methylphenol	12.075	107	477412	47.940	ng	95
37) 2-Methylnaphthalene	12.440	142	1058763	43.708	ng	# 88
38) 1-Methylnaphthalene	12.657	142	977654	42.539	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.810	216	585811	50.599	ng	96
41) Hexachlorocyclopentadiene	12.787	237	657025	101.936	ng	97
43) 2,4,6-Trichlorophenol	13.045	196	392420	55.884	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	424627	55.919	ng	#	94
46) 1,1'-Biphenyl	13.440	154	1345048	47.729	ng		98
47) 2-Chloronaphthalene	13.487	162	1039486	45.379	ng		100
48) 2-Nitroaniline	13.687	65	296326	53.887	ng	#	76
49) Acenaphthylene	14.328	152	1648717	46.176	ng		100
50) Dimethylphthalate	14.063	163	1425287	51.630	ng		99
51) 2,6-Dinitrotoluene	14.181	165	290343	47.660	ng	#	66
52) Acenaphthene	14.669	154	959530	41.340	ng		97
53) 3-Nitroaniline	14.510	138	181804	31.504	ng		79
54) 2,4-Dinitrophenol	14.722	184	347097	132.681	ng		97
55) Dibenzofuran	14.998	168	1539045	43.261	ng		99
56) 4-Nitrophenol	14.828	139	435929	84.440	ng	#	59
57) 2,4-Dinitrotoluene	14.969	165	398137	52.360	ng	#	65
58) Fluorene	15.645	166	1205572	42.384	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	360293m	54.839	ng		
60) Diethylphthalate	15.416	149	1320141	47.662	ng		97
61) 4-Chlorophenyl-phenyle...	15.639	204	633535	44.550	ng		98
62) 4-Nitroaniline	15.669	138	292416	46.391	ng	#	50
63) Azobenzene	15.934	77	1177242	40.588	ng		94
65) 4,6-Dinitro-2-methylph...	15.733	198	225606	57.569	ng		92
66) n-Nitrosodiphenylamine	15.857	169	1079468	44.457	ng	#	92
67) 4-Bromophenyl-phenylether	16.533	248	425418	49.558	ng		98
68) Hexachlorobenzene	16.657	284	503354	49.246	ng		95
69) Atrazine	16.804	200	420503	60.600	ng		96
70) Pentachlorophenol	16.998	266	584484	114.016	ng		96
71) Phenanthrene	17.386	178	1932962	43.541	ng		100
72) Anthracene	17.480	178	1974550	45.046	ng		100
73) Carbazole	17.745	167	1776617	41.182	ng		99
74) Di-n-butylphthalate	18.286	149	2218349	48.018	ng	#	92
75) Fluoranthene	19.345	202	2262855	42.462	ng		97
77) Benzidine	19.516	184	84558	6.768	ng		98
78) Pyrene	19.698	202	2297495	49.491	ng		99
80) Butylbenzylphthalate	20.557	149	963951	51.048	ng	#	88
81) Benzo(a)anthracene	21.398	228	2117347	43.853	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	460386	29.520	ng	#	97
83) Chrysene	21.451	228	2047579	43.795	ng		99
84) Bis(2-ethylhexyl)phtha...	21.310	149	1354832	51.663	ng	#	95
85) Di-n-octyl phthalate	22.239	149	2262589	51.335	ng		98
87) Indeno(1,2,3-cd)pyrene	26.415	276	2253676	41.124	ng	#	93
88) Benzo(b)fluoranthene	23.104	252	2114566	45.246	ng	#	98
89) Benzo(k)fluoranthene	23.151	252	1945026	43.920	ng	#	97
90) Benzo(a)pyrene	23.739	252	1927951	45.346	ng	#	97
91) Dibenzo(a,h)anthracene	26.433	278	1911584	40.194	ng	#	95
92) Benzo(g,h,i)perylene	27.203	276	1911219	41.664	ng	#	94

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

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