Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006205.D
Acq On : 13 Jul 2021 17:44
Operator : CG/JU
Sample : M3012-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PS-TP1MS

Quant Time: Jul 14 01:23:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	157546	20.000	ng		-0.01
21) Naphthalene-d8	10.651	136	616696	20.000	ng		-0.01
39) Acenaphthene-d10	14.487	164	336869	20.000	ng		-0.01
64) Phenanthrene-d10	17.239	188	563284	20.000	ng		#-0.01
76) Chrysene-d12	21.322	240	560590	20.000	ng		# 0.00
86) Perylene-d12	23.698	264	699723	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1064466	116.256	ng		0.00
7) Phenol-d6	7.040	99	1272294	105.051	ng		0.00
23) Nitrobenzene-d5	9.022	82	716556	73.393	ng		-0.01
42) 2,4,6-Tribromophenol	15.986	330	370112	92.283	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1553334	68.168	ng		0.00
79) Terphenyl-d14	19.792	244	1774087	62.396	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	178373	49.651	ng		93
3) Pyridine	3.705	79	468730	51.349	ng	#	86
4) n-Nitrosodimethylamine	3.617	42	209676	58.399	ng	#	81
6) Aniline	7.181	93	696428	54.500	ng		99
8) 2-Chlorophenol	7.422	128	615479	57.394	ng		98
9) Benzaldehyde	6.999	77	289096	43.736	ng		92
10) Phenol	7.069	94	686076	58.983	ng		94
11) bis(2-Chloroethyl)ether	7.281	93	508552	57.860	ng		98
12) 1,3-Dichlorobenzene	7.740	146	643287	55.985	ng		96
13) 1,4-Dichlorobenzene	7.887	146	651532	55.520	ng		98
14) 1,2-Dichlorobenzene	8.205	146	627451	56.163	ng		99
15) Benzyl Alcohol	8.110	79	460160	62.846	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	587197	56.252	ng		89
17) 2-Methylphenol	8.316	107	464871	58.749	ng		94
18) Hexachloroethane	8.922	117	226903	58.080	ng		94
19) n-Nitroso-di-n-propyla...	8.669	70	353933	53.604	ng		96
20) 3+4-Methylphenols	8.652	107	619877	57.984	ng		94
22) Acetophenone	8.687	105	794329	56.591	ng	#	98
24) Nitrobenzene	9.063	77	546897	55.387	ng		94
25) Isophorone	9.593	82	951661	51.347	ng		97
26) 2-Nitrophenol	9.775	139	317687	57.874	ng		87
27) 2,4-Dimethylphenol	9.846	122	521361	64.342	ng		96
28) bis(2-Chloroethoxy)met...	10.069	93	606196	59.018	ng		99
29) 2,4-Dichlorophenol	10.328	162	500307	56.195	ng		100
30) 1,2,4-Trichlorobenzene	10.522	180	510471	53.852	ng		98
31) Naphthalene	10.704	128	1711736	53.244	ng		99
32) Benzoic acid	10.057	122	357107	56.590	ng		93
33) 4-Chloroaniline	10.834	127	369407	29.767	ng		97
34) Hexachlorobutadiene	10.981	225	274487	52.592	ng		98
35) Caprolactam	11.651	113	164437	58.590	ng		85
36) 4-Chloro-3-methylphenol	11.975	107	530543	55.184	ng		99
37) 2-Methylnaphthalene	12.316	142	1179287	52.869	ng		97
38) 1-Methylnaphthalene	12.534	142	1099183	52.070	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	472195	56.508	ng		96
41) Hexachlorocyclopentadiene	12.657	237	230812	94.571	ng		97
43) 2,4,6-Trichlorophenol	12.940	196	346201	57.265	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	376388	58.029	ng	#	96
46) 1,1'-Biphenyl	13.328	154	1391106	55.005	ng		100
47) 2-Chloronaphthalene	13.369	162	1081239	55.573	ng		97
48) 2-Nitroaniline	13.587	65	299807	62.011	ng		95
49) Acenaphthylene	14.216	152	1794943	57.294	ng		99
50) Dimethylphthalate	13.957	163	1311221	54.129	ng		100
51) 2,6-Dinitrotoluene	14.081	165	296303	54.255	ng		95
52) Acenaphthene	14.551	154	1027231	53.903	ng		98
53) 3-Nitroaniline	14.416	138	228776	41.347	ng		98
54) 2,4-Dinitrophenol	14.645	184	291769	99.290	ng		98
55) Dibenzofuran	14.892	168	1570595	52.942	ng		99
56) 4-Nitrophenol	14.763	139	482660	110.241	ng	#	79
57) 2,4-Dinitrotoluene	14.881	165	415985	56.555	ng		95
58) Fluorene	15.539	166	1197341	50.238	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	270961	53.389	ng	#	76
60) Diethylphthalate	15.310	149	1370535	55.169	ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	520126	49.781	ng		89
62) 4-Nitroaniline	15.587	138	267713	47.402	ng	#	83
63) Azobenzene	15.822	77	1040998	50.194	ng		98
65) 4,6-Dinitro-2-methylph...	15.651	198	169631	46.297	ng		88
66) n-Nitrosodiphenylamine	15.751	169	1020379	55.634	ng		100
67) 4-Bromophenyl-phenylether	16.428	248	295861	53.281	ng	#	90
68) Hexachlorobenzene	16.545	284	350185	53.129	ng	#	90
69) Atrazine	16.710	200	325923	56.602	ng		94
70) Pentachlorophenol	16.904	266	390079	128.228	ng		99
71) Phenanthrene	17.281	178	1787594	56.193	ng		99
72) Anthracene	17.375	178	1813086	58.178	ng		99
73) Carbazole	17.651	167	1707778	55.300	ng		99
74) Di-n-butylphthalate	18.192	149	2140958	57.595	ng		99
75) Fluoranthene	19.251	202	2038276	58.460	ng		95
77) Benzidine	19.433	184	1080381	64.993	ng		99
78) Pyrene	19.604	202	2146661	56.654	ng		99
80) Butylbenzylphthalate	20.463	149	1045286	55.616	ng		95
81) Benzo(a)anthracene	21.304	228	2027204	57.175	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	691156	66.450	ng	#	97
83) Chrysene	21.357	228	1992242	56.857	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	1558678	56.187	ng	#	98
85) Di-n-octyl phthalate	22.121	149	2926654	59.900	ng		99
87) Indeno(1,2,3-cd)pyrene	26.215	276	3245958	62.921	ng	#	89
88) Benzo(b)fluoranthene	22.974	252	2598860	61.229	ng	#	97
89) Benzo(k)fluoranthene	23.021	252	2264204	54.577	ng	#	96
90) Benzo(a)pyrene	23.598	252	2505083	62.894	ng	#	95
91) Dibenzo(a,h)anthracene	26.215	278	2639039	59.410	ng	#	93
92) Benzo(g,h,i)perylene	26.974	276	2851987	65.237	ng	#	88

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

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