Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006206.D
Acq On : 13 Jul 2021 18:18
Operator : CG/JU
Sample : M3012-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PS-TP1MSD

Manual Integrations APPROVED
mohammad
7/15/2021 11:30:30 AM

Quant Time: Jul 14 01:24:37 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	7.851	152	166158	20.000	ng		-0.01
21) Naphthalene-d8	10.651	136	644508	20.000	ng		-0.01
39) Acenaphthene-d10	14.492	164	359602	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	603165	20.000	ng		#-0.01
76) Chrysene-d12	21.321	240	610475	20.000	ng		# 0.00
86) Perylene-d12	23.698	264	782703	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1110678	115.016	ng		0.00
7) Phenol-d6	7.040	99	1328802	104.030	ng		0.00
23) Nitrobenzene-d5	9.022	82	743483	72.865	ng		-0.01
42) 2,4,6-Tribromophenol	15.986	330	394808	92.217	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1629424	66.986	ng		0.00
79) Terphenyl-d14	19.792	244	1932024	62.398	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	181656	47.944	ng		90
3) Pyridine	3.705	79	489250	50.819	ng	#	87
4) n-Nitrosodimethylamine	3.616	42	220488	58.228	ng	#	86
6) Aniline	7.181	93	731083	54.246	ng		99
8) 2-Chlorophenol	7.422	128	639219	56.519	ng		98
9) Benzaldehyde	6.998	77	305363	43.803	ng		91
10) Phenol	7.069	94	717341	58.474	ng		93
11) bis(2-Chloroethyl)ether	7.281	93	530512	57.230	ng		98
12) 1,3-Dichlorobenzene	7.740	146	669242m	55.225	ng		
13) 1,4-Dichlorobenzene	7.887	146	688901	55.662	ng		98
14) 1,2-Dichlorobenzene	8.204	146	659447	55.968	ng		99
15) Benzyl Alcohol	8.110	79	485666	62.892	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.387	45	597080	54.234	ng		90
17) 2-Methylphenol	8.316	107	485958	58.231	ng		94
18) Hexachloroethane	8.922	117	234764	56.978	ng		92
19) n-Nitroso-di-n-propyla...	8.669	70	371697	53.377	ng		98
20) 3+4-Methylphenols	8.651	107	657005	58.272	ng		93
22) Acetophenone	8.687	105	829876	56.572	ng	#	98
24) Nitrobenzene	9.063	77	569080	55.147	ng		94
25) Isophorone	9.592	82	983267	50.763	ng		97
26) 2-Nitrophenol	9.775	139	333183	58.078	ng	#	88
27) 2,4-Dimethylphenol	9.845	122	544981	64.355	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	639528	59.577	ng		99
29) 2,4-Dichlorophenol	10.328	162	527507	56.693	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	535790	54.084	ng		96
31) Naphthalene	10.704	128	1790760	53.299	ng		99
32) Benzoic acid	10.063	122	378551	57.300	ng		91
33) 4-Chloroaniline	10.834	127	423392	32.645	ng		96
34) Hexachlorobutadiene	10.981	225	285339	52.312	ng		97
35) Caprolactam	11.651	113	177139	60.393	ng		83
36) 4-Chloro-3-methylphenol	11.975	107	556006	55.337	ng		98
37) 2-Methylnaphthalene	12.316	142	1240203	53.201	ng		96
38) 1-Methylnaphthalene	12.534	142	1145610	51.927	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	489787	54.908	ng		96
41) Hexachlorocyclopentadiene	12.657	237	227011	90.257	ng		99
43) 2,4,6-Trichlorophenol	12.939	196	363505	56.326	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	395699	57.150	ng	#	96
46) 1,1'-Biphenyl	13.328	154	1454839	53.889	ng		99
47) 2-Chloronaphthalene	13.369	162	1135703	54.683	ng		98
48) 2-Nitroaniline	13.586	65	314258	60.891	ng		91
49) Acenaphthylene	14.216	152	1883363	56.316	ng		99
50) Dimethylphthalate	13.957	163	1390078	53.757	ng		100
51) 2,6-Dinitrotoluene	14.080	165	311214	53.383	ng		93
52) Acenaphthene	14.557	154	1080455	53.111	ng		98
53) 3-Nitroaniline	14.416	138	252849	42.809	ng		95
54) 2,4-Dinitrophenol	14.645	184	309533	98.732	ng		98
55) Dibenzofuran	14.892	168	1656174	52.298	ng		99
56) 4-Nitrophenol	14.763	139	514702	110.135	ng	#	81
57) 2,4-Dinitrotoluene	14.880	165	440945	56.159	ng		95
58) Fluorene	15.539	166	1266285	49.772	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	292206	53.935	ng	#	74
60) Diethylphthalate	15.310	149	1419783	53.538	ng		98
61) 4-Chlorophenyl-phenyle...	15.527	204	549889	49.302	ng	#	89
62) 4-Nitroaniline	15.580	138	291558	48.300	ng	#	82
63) Azobenzene	15.822	77	1101742	49.764	ng		98
65) 4,6-Dinitro-2-methylph...	15.651	198	181469	46.258	ng		86
66) n-Nitrosodiphenylamine	15.751	169	1079349	54.958	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	313621	52.745	ng	#	86
68) Hexachlorobenzene	16.545	284	374512	53.063	ng	#	92
69) Atrazine	16.710	200	346244	56.155	ng		93
70) Pentachlorophenol	16.904	266	432577	132.796	ng		99
71) Phenanthrene	17.280	178	1910064	56.073	ng		99
72) Anthracene	17.374	178	1933173	57.930	ng		100
73) Carbazole	17.651	167	1836426	55.534	ng		99
74) Di-n-butylphthalate	18.192	149	2297157	57.711	ng		99
75) Fluoranthene	19.251	202	2191116	58.689	ng		96
77) Benzidine	19.433	184	1411008	77.947	ng		99
78) Pyrene	19.598	202	2311011	56.008	ng		99
80) Butylbenzylphthalate	20.462	149	1124708	54.952	ng		95
81) Benzo(a)anthracene	21.304	228	2213510	57.328	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	791041	69.839	ng	#	96
83) Chrysene	21.357	228	2171387	56.906	ng		99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1684969	55.776	ng	#	99
85) Di-n-octyl phthalate	22.121	149	3174872	59.671	ng		99
87) Indeno(1,2,3-cd)pyrene	26.215	276	3678748	63.750	ng	#	89
88) Benzo(b)fluoranthene	22.974	252	2736130	57.629	ng	#	96
89) Benzo(k)fluoranthene	23.021	252	2640678	56.903	ng	#	96
90) Benzo(a)pyrene	23.592	252	2785629	62.523	ng	#	95
91) Dibenzo(a,h)anthracene	26.221	278	2991737	60.209	ng	#	93
92) Benzo(g,h,i)perylene	26.986	276	3229948	66.050	ng	#	90

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

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