Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006219.D
Acq On : 14 Jul 2021 15:35
Operator : CG/JU
Sample : M3012-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PS-TP1MS

Manual Integrations APPROVED
mohammad
7/15/2021 11:33:16 AM

Quant Time: Jul 14 16:23:52 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	264374	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	1053404	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	602568	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1173085	20.000	ng	#-0.01
76) Chrysene-d12	21.322	240	1146816	20.000	ng	# 0.00
86) Perylene-d12	23.698	264	1253654	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2174327	141.513	ng	0.00
7) Phenol-d6	7.046	99	2395834	117.885	ng	0.00
23) Nitrobenzene-d5	9.022	82	1627598	97.595	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	1098661	153.146	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	3775095	92.618	ng	0.00
79) Terphenyl-d14	19.792	244	5529657	95.067	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	260044	43.135	ng	# 21
3) Pyridine	3.728	79	505825	33.022	ng	90
4) n-Nitrosodimethylamine	3.628	42	297582	49.392	ng	# 88
6) Aniline	7.187	93	495018	23.085	ng	98
8) 2-Chlorophenol	7.422	128	923023	51.293	ng	98
9) Benzaldehyde	6.999	77	410958	37.050	ng	90
10) Phenol	7.075	94	890024	45.598	ng	92
11) bis(2-Chloroethyl)ether	7.281	93	779141	52.826	ng	99
12) 1,3-Dichlorobenzene	7.740	146	921400	47.786	ng	96
13) 1,4-Dichlorobenzene	7.887	146	946820	48.081	ng	98
14) 1,2-Dichlorobenzene	8.199	146	908213	48.445	ng	99
15) Benzyl Alcohol	8.110	79	734347	59.767	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	886766	50.623	ng	89
17) 2-Methylphenol	8.322	107	708005	53.320	ng	94
18) Hexachloroethane	8.922	117	326418	49.791	ng	95
19) n-Nitroso-di-n-propyla...	8.669	70	559552	50.502	ng	96
20) 3+4-Methylphenols	8.652	107	937804	52.276	ng	93
22) Acetophenone	8.687	105	1249781	52.126	ng	98
24) Nitrobenzene	9.063	77	834044	49.450	ng	92
25) Isophorone	9.593	82	1558864	49.240	ng	96
26) 2-Nitrophenol	9.775	139	504742	53.831	ng	# 86
27) 2,4-Dimethylphenol	9.846	122	830987	60.038	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	987864	56.305	ng	99
29) 2,4-Dichlorophenol	10.322	162	816387	53.682	ng	98
30) 1,2,4-Trichlorobenzene	10.516	180	795692	49.142	ng	97
31) Naphthalene	10.704	128	2667267	48.571	ng	99
32) Benzoic acid	10.087	122	519561	49.224	ng	92
33) 4-Chloroaniline	10.840	127	227195	10.718	ng	97
34) Hexachlorobutadiene	10.975	225	420787	47.199	ng	99
35) Caprolactam	11.669	113	217181m	45.303	ng	
36) 4-Chloro-3-methylphenol	11.975	107	868862	52.908	ng	98
37) 2-Methylnaphthalene	12.316	142	1897054	49.790	ng	97
38) 1-Methylnaphthalene	12.534	142	1738394	48.210	ng	98
40) 1,2,4,5-Tetrachloroben...	12.687	216	757504	50.679	ng	97
41) Hexachlorocyclopentadiene	12.651	237	386483	91.079	ng	98
43) 2,4,6-Trichlorophenol	12.940	196	574683	53.143	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	615370	53.040	ng	#	95
46) 1,1'-Biphenyl	13.322	154	2252790	49.799	ng		98
47) 2-Chloronaphthalene	13.369	162	1745236	50.148	ng		98
48) 2-Nitroaniline	13.587	65	489494	56.602	ng		89
49) Acenaphthylene	14.210	152	2869192	51.200	ng		100
50) Dimethylphthalate	13.957	163	2315156	53.431	ng		99
51) 2,6-Dinitrotoluene	14.081	165	509274	52.133	ng		94
52) Acenaphthene	14.551	154	1673140	49.083	ng		98
53) 3-Nitroaniline	14.416	138	253916	25.655	ng		96
54) 2,4-Dinitrophenol	14.645	184	576915	108.822	ng		97
55) Dibenzofuran	14.887	168	2585373	48.721	ng		97
56) 4-Nitrophenol	14.763	139	703219	91.116	ng	#	79
57) 2,4-Dinitrotoluene	14.881	165	723874	55.019	ng		96
58) Fluorene	15.539	166	2138131	50.153	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.128	232	478702	52.731	ng	#	75
60) Diethylphthalate	15.316	149	2432417	54.739	ng		100
61) 4-Chlorophenyl-phenyle...	15.528	204	956263	51.167	ng		91
62) 4-Nitroaniline	15.587	138	514549	50.713	ng	#	81
63) Azobenzene	15.822	77	1889212	50.925	ng		96
65) 4,6-Dinitro-2-methylph...	15.651	198	357218	46.765	ng		90
66) n-Nitrosodiphenylamine	15.751	169	1882328	49.280	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	578546	50.029	ng	#	88
68) Hexachlorobenzene	16.545	284	677547	49.359	ng		94
69) Atrazine	16.710	200	649889	54.194	ng		95
70) Pentachlorophenol	16.904	266	783272	123.635	ng		100
71) Phenanthrene	17.281	178	3297933	49.780	ng		99
72) Anthracene	17.375	178	3373402	51.976	ng		100
73) Carbazole	17.651	167	3245638	50.465	ng		99
74) Di-n-butylphthalate	18.192	149	4247572	54.867	ng		99
75) Fluoranthene	19.251	202	3701817	50.981	ng		96
77) Benzidine	19.433	184	885097	26.028	ng		99
78) Pyrene	19.604	202	3775326	48.705	ng		99
80) Butylbenzylphthalate	20.463	149	2075012	53.968	ng		92
81) Benzo(a)anthracene	21.304	228	3627425	50.011	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	900422	42.317	ng	#	98
83) Chrysene	21.363	228	3553173	49.569	ng		99
84) Bis(2-ethylhexyl)phtha...	21.216	149	3135176	55.245	ng	#	99
85) Di-n-octyl phthalate	22.121	149	5505936	55.086	ng		100
87) Indeno(1,2,3-cd)pyrene	26.221	276	4367569	47.254	ng	#	88
88) Benzo(b)fluoranthene	22.974	252	3991156	52.483	ng	#	95
89) Benzo(k)fluoranthene	23.021	252	3859554	51.925	ng	#	96
90) Benzo(a)pyrene	23.598	252	3793235	53.155	ng	#	95
91) Dibenzo(a,h)anthracene	26.221	278	3803207	47.787	ng	#	93
92) Benzo(g,h,i)perylene	26.986	276	3541540	45.216	ng	#	89

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

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