Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006220.D
Acq On : 14 Jul 2021 16:10
Operator : CG/JU
Sample : M3012-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 14 16:59:49 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

Instrument :
BNA_P
ClientSampleId :
PS-TP1MSD

Manual Integrations APPROVED
mohammad
7/15/2021 11:33:19 AM
7/15/2021 11:33:19 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	247601	20.000	ng		-0.01
21) Naphthalene-d8	10.652	136	991732	20.000	ng		-0.01
39) Acenaphthene-d10	14.487	164	577226	20.000	ng		-0.01
64) Phenanthrene-d10	17.239	188	1021139	20.000	ng		#-0.01
76) Chrysene-d12	21.322	240	1059695	20.000	ng		# 0.00
86) Perylene-d12	23.698	264	1200881	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2049612	142.433	ng		0.00
7) Phenol-d6	7.046	99	2282001	119.890	ng		0.00
23) Nitrobenzene-d5	9.022	82	1540803	98.136	ng		-0.01
42) 2,4,6-Tribromophenol	15.987	330	977718	142.271	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	3617962	92.660	ng		0.00
79) Terphenyl-d14	19.792	244	4957701	92.241	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	242179	42.893	ng	#	21
3) Pyridine	3.728	79	471743	32.883	ng	#	89
4) n-Nitrosodimethylamine	3.622	42	279828	49.591	ng	#	91
6) Aniline	7.187	93	518862	25.836	ng		99
8) 2-Chlorophenol	7.422	128	875022	51.919	ng		98
9) Benzaldehyde	6.999	77	381925	36.765	ng		95
10) Phenol	7.075	94	841732	46.045	ng		93
11) bis(2-Chloroethyl)ether	7.281	93	733263	53.083	ng		98
12) 1,3-Dichlorobenzene	7.740	146	856541	47.431	ng		96
13) 1,4-Dichlorobenzene	7.887	146	877834	47.597	ng		98
14) 1,2-Dichlorobenzene	8.199	146	853552	48.614	ng		99
15) Benzyl Alcohol	8.110	79	695109	60.406	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.387	45	841231	51.277	ng		89
17) 2-Methylphenol	8.322	107	671120	53.966	ng		92
18) Hexachloroethane	8.922	117	301523	49.109	ng		94
19) n-Nitroso-di-n-propyla...	8.669	70	534136	51.474	ng		98
20) 3+4-Methylphenols	8.652	107	901214	53.640	ng		93
22) Acetophenone	8.687	105	1178611	52.215	ng		99
24) Nitrobenzene	9.063	77	791450	49.843	ng		93
25) Isophorone	9.593	82	1481017	49.690	ng		97
26) 2-Nitrophenol	9.775	139	474416	53.743	ng	#	86
27) 2,4-Dimethylphenol	9.846	122	789287	60.571	ng		95
28) bis(2-Chloroethoxy)met...	10.069	93	941144	56.978	ng		99
29) 2,4-Dichlorophenol	10.328	162	772518	53.956	ng		100
30) 1,2,4-Trichlorobenzene	10.516	180	744028	48.809	ng		97
31) Naphthalene	10.704	128	2511641	48.581	ng		100
32) Benzoic acid	10.081	122	488700	49.185	ng		94
33) 4-Chloroaniline	10.840	127	238786	11.965	ng		97
34) Hexachlorobutadiene	10.975	225	391899	46.692	ng		99
35) Caprolactam	11.669	113	210174m	46.567	ng		
36) 4-Chloro-3-methylphenol	11.975	107	836539	54.107	ng		98
37) 2-Methylnaphthalene	12.316	142	1808945	50.430	ng		96
38) 1-Methylnaphthalene	12.534	142	1658988	48.869	ng		97
40) 1,2,4,5-Tetrachloroben...	12.687	216	712476	49.759	ng		97
41) Hexachlorocyclopentadiene	12.651	237	349033	88.063	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	546983	52.802	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.022	196	592605	53.320	ng	#	95
46)	1,1'-Biphenyl	13.322	154	2140440	49.393	ng		98
47)	2-Chloronaphthalene	13.369	162	1661611	49.841	ng		97
48)	2-Nitroaniline	13.587	65	480206	57.966	ng		90
49)	Acenaphthylene	14.210	152	2752084	51.267	ng		99
50)	Dimethylphthalate	13.957	163	2232135	53.776	ng		99
51)	2,6-Dinitrotoluene	14.081	165	494182	52.809	ng		94
52)	Acenaphthene	14.551	154	1614395	49.439	ng		99
53)	3-Nitroaniline	14.416	138	260652	27.492	ng		95
54)	2,4-Dinitrophenol	14.645	184	562590	110.619	ng		97
55)	Dibenzofuran	14.887	168	2500913	49.198	ng		97
56)	4-Nitrophenol	14.763	139	683737	92.374	ng	#	80
57)	2,4-Dinitrotoluene	14.881	165	700481	55.579	ng		95
58)	Fluorene	15.539	166	1991958	48.776	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.128	232	458665	52.742	ng	#	77
60)	Diethylphthalate	15.316	149	2278794	53.533	ng		100
61)	4-Chlorophenyl-phenyle...	15.528	204	879592	49.130	ng		91
62)	4-Nitroaniline	15.587	138	475700	49.046	ng	#	82
63)	Azobenzene	15.822	77	1711385	48.157	ng		97
65)	4,6-Dinitro-2-methylph...	15.651	198	319918	47.987	ng		89
66)	n-Nitrosodiphenylamine	15.751	169	1684113	50.651	ng		99
67)	4-Bromophenyl-phenylether	16.422	248	503351	50.003	ng	#	88
68)	Hexachlorobenzene	16.545	284	591440	49.498	ng	#	93
69)	Atrazine	16.710	200	582287	55.782	ng		94
70)	Pentachlorophenol	16.904	266	686629	124.508	ng		99
71)	Phenanthrene	17.281	178	2902328	50.327	ng		99
72)	Anthracene	17.375	178	2977487	52.702	ng		99
73)	Carbazole	17.651	167	2907296	51.931	ng		99
74)	Di-n-butylphthalate	18.186	149	3753764	55.704	ng		99
75)	Fluoranthene	19.251	202	3270976	51.751	ng		96
77)	Benzidine	19.433	184	897538	28.563	ng		99
78)	Pyrene	19.598	202	3354345	46.832	ng		99
80)	Butylbenzylphthalate	20.463	149	1849856	52.068	ng		94
81)	Benzo(a)anthracene	21.304	228	3348701	49.963	ng		100
82)	3,3'-Dichlorobenzidine	21.233	252	827859	42.106	ng	#	97
83)	Chrysene	21.357	228	3269052	49.355	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.216	149	2825419	53.880	ng	#	99
85)	Di-n-octyl phthalate	22.122	149	5040593	54.576	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.215	276	4478559	50.584	ng	#	89
88)	Benzo(b)fluoranthene	22.974	252	3871925	53.153	ng	#	97
89)	Benzo(k)fluoranthene	23.021	252	3607611	50.668	ng	#	96
90)	Benzo(a)pyrene	23.598	252	3671163	53.705	ng	#	95
91)	Dibenzo(a,h)anthracene	26.221	278	3884878	50.958	ng	#	93
92)	Benzo(g,h,i)perylene	26.986	276	3662109	48.810	ng	#	90

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

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