Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007338.D
Acq On : 05 Oct 2021 22:21
Operator : CG/JU
Sample : M4066-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NYPD-69TH-SOILMS

Manual Integrations APPROVED
mohammad
10/8/2021 8:33:00 AM

Quant Time: Oct 06 05:26:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	141437	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	536528	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	320608	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	640417	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	731001	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	843895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1072412	126.92	ng	-0.01
7) Phenol-d6	7.040	99	1293574	112.02	ng	-0.01
23) Nitrobenzene-d5	9.022	82	757535	82.22	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	486224	116.98	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1761303	78.70	ng	-0.01
79) Terphenyl-d14	19.804	244	2592713	67.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	154677	45.27	ng	# 89
3) Pyridine	3.740	79	373153	39.91	ng	# 86
4) n-Nitrosodimethylamine	3.646	42	178720	55.76	ng	89
6) Aniline	7.187	93	413287	32.47	ng	99
8) 2-Chlorophenol	7.428	128	448454	48.84	ng	98
9) Benzaldehyde	6.999	77	275166m	42.30	ng	
10) Phenol	7.069	94	541314	48.62	ng	94
11) bis(2-Chloroethyl)ether	7.287	93	407777	46.40	ng	95
12) 1,3-Dichlorobenzene	7.746	146	491747	47.47	ng	97
13) 1,4-Dichlorobenzene	7.893	146	499353	47.29	ng	98
14) 1,2-Dichlorobenzene	8.210	146	482891	47.19	ng	97
15) Benzyl Alcohol	8.110	79	360173	48.70	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.393	45	465227	46.23	ng	90
17) 2-Methylphenol	8.316	107	359261	47.87	ng	94
18) Hexachloroethane	8.934	117	176164	49.69	ng	95
19) n-Nitroso-di-n-propyla...	8.669	70	281234	44.78	ng	99
20) 3+4-Methylphenols	8.646	107	481350	46.38	ng	96
22) Acetophenone	8.687	105	632165	48.90	ng	98
24) Nitrobenzene	9.063	77	442316	50.36	ng	98
25) Isophorone	9.593	82	767829	47.80	ng	99
26) 2-Nitrophenol	9.775	139	233407	50.96	ng	93
27) 2,4-Dimethylphenol	9.840	122	394588	54.72	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	496975	43.85	ng	98
29) 2,4-Dichlorophenol	10.316	162	407537	48.44	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	448942	46.84	ng	98
31) Naphthalene	10.710	128	1327897	48.49	ng	99
32) Benzoic acid	10.010	122	263151	47.48	ng	95
33) 4-Chloroaniline	10.828	127	172136	15.22	ng	99
34) Hexachlorobutadiene	10.987	225	271184	47.26	ng	100
35) Caprolactam	11.634	113	121369	46.90	ng	# 73
36) 4-Chloro-3-methylphenol	11.963	107	399544	46.72	ng	98
37) 2-Methylnaphthalene	12.322	142	948298	49.46	ng	97
38) 1-Methylnaphthalene	12.540	142	891629	47.59	ng	100
40) 1,2,4,5-Tetrachloroben...	12.693	216	484687	49.37	ng	99
41) Hexachlorocyclopentadiene	12.663	237	362190	66.56	ng	98
43) 2,4,6-Trichlorophenol	12.934	196	318589	47.56	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	347303	48.14	ng		98
46) 1,1'-Biphenyl	13.328	154	1111375	46.60	ng		100
47) 2-Chloronaphthalene	13.369	162	890098	48.18	ng		98
48) 2-Nitroaniline	13.581	65	239272	53.13	ng		99
49) Acenaphthylene	14.216	152	1424254	50.06	ng		100
50) Dimethylphthalate	13.957	163	1113518	48.29	ng		99
51) 2,6-Dinitrotoluene	14.081	165	232732	49.41	ng		94
52) Acenaphthene	14.557	154	880536	51.08	ng		99
53) 3-Nitroaniline	14.410	138	140950	27.68	ng		98
54) 2,4-Dinitrophenol	14.628	184	194185	71.57	ng		95
55) Dibenzofuran	14.892	168	1360805	47.31	ng		96
56) 4-Nitrophenol	14.739	139	401142	97.02	ng	#	87
57) 2,4-Dinitrotoluene	14.869	165	319346	51.38	ng		98
58) Fluorene	15.545	166	1137427	51.19	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	283305m	44.72	ng		
60) Diethylphthalate	15.316	149	1038020	46.46	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	535215	45.58	ng		95
62) 4-Nitroaniline	15.575	138	234765	45.83	ng	#	84
63) Azobenzene	15.828	77	936902	48.39	ng		96
65) 4,6-Dinitro-2-methylph...	15.639	198	134044	34.88	ng		93
66) n-Nitrosodiphenylamine	15.751	169	917808	48.17	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	327900	46.72	ng		93
68) Hexachlorobenzene	16.551	284	371178	47.85	ng		99
69) Atrazine	16.716	200	335545	49.96	ng		99
70) Pentachlorophenol	16.904	266	455122	94.47	ng		99
71) Phenanthrene	17.292	178	3199416	93.17	ng		99
72) Anthracene	17.381	178	2114912	62.96	ng		99
73) Carbazole	17.657	167	1633292	49.62	ng		99
74) Di-n-butylphthalate	18.204	149	1809691	49.61	ng		99
75) Fluoranthene	19.257	202	3649835	92.26	ng		97
77) Benzidine	19.439	184	1369438	60.96	ng		99
78) Pyrene	19.610	202	3701057	77.17	ng		98
80) Butylbenzylphthalate	20.480	149	865392	45.06	ng		97
81) Benzo(a)anthracene	21.321	228	3136395	66.10	ng		98
82) 3,3'-Dichlorobenzidine	21.251	252	734765	45.09	ng		98
83) Chrysene	21.374	228	2931210	64.64	ng		97
84) Bis(2-ethylhexyl)phtha...	21.239	149	1297875	47.00	ng		98
85) Di-n-octyl phthalate	22.157	149	2425634	51.60	ng		99
87) Indeno(1,2,3-cd)pyrene	26.262	276	3472539	57.26	ng		96
88) Benzo(b)fluoranthene	23.004	252	3262992	64.70	ng	#	98
89) Benzo(k)fluoranthene	23.051	252	2828449	55.39	ng	#	98
90) Benzo(a)pyrene	23.633	252	3171871	74.03	ng	#	98
91) Dibenzo(a,h)anthracene	26.268	278	2664958	52.44	ng	#	96
92) Benzo(g,h,i)perylene	27.033	276	2892585	58.32	ng	#	96

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

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