Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003357.D
Acq On : 23 Sep 2020 14:57
Operator : CG/JU
Sample : L4106-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SPMS

Manual Integrations APPROVED
mohammad
9/24/2020 10:47:07 AM

Quant Time: Sep 23 16:02:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.563	152	194887	20.00	ng		0.00
21) Naphthalene-d8	10.340	136	775735	20.00	ng		# 0.00
39) Acenaphthene-d10	14.216	164	470615	20.00	ng		0.00
64) Phenanthrene-d10	16.969	188	977188	20.00	ng		0.00
76) Chrysene-d12	21.069	240	847894	20.00	ng		0.00
86) Perylene-d12	23.257	264	772143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	1506471	134.98	ng		0.00
7) Phenol-d6	6.769	99	1904128	127.99	ng		0.00
23) Nitrobenzene-d5	8.716	82	1253161	94.90	ng		0.00
42) 2,4,6-Tribromophenol	15.722	330	847028	118.00	ng		0.00
45) 2-Fluorobiphenyl	12.834	172	2871439	89.24	ng		0.00
79) Terphenyl-d14	19.551	244	3685905	90.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	168358	36.71	ng		98
3) Pyridine	3.475	79	460931	37.74	ng		91
4) n-Nitrosodimethylamine	3.393	42	148955	40.78	ng		98
6) Aniline	6.899	93	626452	36.67	ng		96
8) 2-Chlorophenol	7.140	128	551441	44.36	ng		94
9) Benzaldehyde	6.705	77	167001	20.13	ng		91
10) Phenol	6.799	94	666932	46.93	ng		94
11) bis(2-Chloroethyl)ether	6.999	93	496549	44.10	ng		98
12) 1,3-Dichlorobenzene	7.452	146	590436	39.73	ng	#	96
13) 1,4-Dichlorobenzene	7.599	146	597669	39.75	ng		96
14) 1,2-Dichlorobenzene	7.910	146	573850	39.77	ng		97
15) Benzyl Alcohol	7.810	79	464770	47.01	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.105	45	367304	44.86	ng		93
17) 2-Methylphenol	8.028	107	459881	44.76	ng		97
18) Hexachloroethane	8.634	117	222573	39.73	ng		98
19) n-Nitroso-di-n-propyla...	8.375	70	335828	42.14	ng		96
20) 3+4-Methylphenols	8.357	107	607839	44.45	ng		95
22) Acetophenone	8.381	105	757750	39.77	ng	#	96
24) Nitrobenzene	8.757	77	553727	41.91	ng		88
25) Isophorone	9.281	82	1031773	42.64	ng		93
26) 2-Nitrophenol	9.463	139	306905	42.53	ng	#	85
27) 2,4-Dimethylphenol	9.546	122	499969	48.99	ng		93
28) bis(2-Chloroethoxy)met...	9.769	93	653759	40.59	ng		99
29) 2,4-Dichlorophenol	10.010	162	528034	41.41	ng		96
30) 1,2,4-Trichlorobenzene	10.210	180	563887	37.27	ng		99
31) Naphthalene	10.393	128	1617672	39.48	ng		99
32) Benzoic acid	9.757	122	283487	40.57	ng		84
33) 4-Chloroaniline	10.504	127	342936	19.70	ng	#	95
34) Hexachlorobutadiene	10.687	225	367570	35.59	ng		96
35) Caprolactam	11.293	113	163390m	38.39	ng		
36) 4-Chloro-3-methylphenol	11.663	107	550701	40.05	ng		90
37) 2-Methylnaphthalene	12.016	142	1154988	38.91	ng		98
38) 1-Methylnaphthalene	12.240	142	1076296	38.19	ng		100
40) 1,2,4,5-Tetrachloroben...	12.398	216	628166	40.77	ng		98
41) Hexachlorocyclopentadiene	12.381	237	534717	90.26	ng		99
43) 2,4,6-Trichlorophenol	12.645	196	416032	41.76	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.728	196	437790	42.72	ng	#	96
46) 1,1'-Biphenyl	13.045	154	1455514	41.47	ng		99
47) 2-Chloronaphthalene	13.081	162	1125487	38.72	ng		97
48) 2-Nitroaniline	13.293	65	288196	39.18	ng	#	81
49) Acenaphthylene	13.934	152	1768848	39.83	ng		99
50) Dimethylphthalate	13.687	163	1840302	48.97	ng		100
51) 2,6-Dinitrotoluene	13.798	165	320019	39.73	ng	#	81
52) Acenaphthene	14.281	154	1044396	38.64	ng		99
53) 3-Nitroaniline	14.128	138	219871	25.19	ng		83
54) 2,4-Dinitrophenol	14.351	184	311585	81.59	ng	#	89
55) Dibenzofuran	14.622	168	1656250	38.39	ng		97
56) 4-Nitrophenol	14.475	139	465112	87.18	ng		77
57) 2,4-Dinitrotoluene	14.598	165	430435	38.53	ng	#	82
58) Fluorene	15.269	166	1289678	37.85	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.857	232	374659	38.88	ng		98
60) Diethylphthalate	15.057	149	1422815	37.12	ng		100
61) 4-Chlorophenyl-phenyle...	15.269	204	685585	36.86	ng		99
62) 4-Nitroaniline	15.298	138	311231	33.60	ng		79
63) Azobenzene	15.563	77	1178032	40.32	ng		94
65) 4,6-Dinitro-2-methylph...	15.375	198	242109	46.95	ng		99
66) n-Nitrosodiphenylamine	15.487	169	1181853	41.17	ng		100
67) 4-Bromophenyl-phenylether	16.163	248	464120	39.29	ng		98
68) Hexachlorobenzene	16.286	284	537605	38.31	ng		96
69) Atrazine	16.445	200	329828	29.29	ng		100
70) Pentachlorophenol	16.634	266	507731	83.93	ng		97
71) Phenanthrene	17.010	178	2053951	38.63	ng		99
72) Anthracene	17.104	178	2097880	40.04	ng		100
73) Carbazole	17.375	167	1867579	37.52	ng		99
74) Di-n-butylphthalate	17.945	149	2367753	37.21	ng	#	99
75) Fluoranthene	18.992	202	2389457	35.74	ng		99
77) Benzidine	19.175	184	941024	35.79	ng		99
78) Pyrene	19.345	202	2414191	45.66	ng		100
80) Butylbenzylphthalate	20.227	149	1029999	42.58	ng		90
81) Benzo(a)anthracene	21.051	228	2165279	39.50	ng		100
82) 3,3'-Dichlorobenzidine	20.986	252	620566	29.29	ng		99
83) Chrysene	21.104	228	2054321	39.01	ng		100
84) Bis(2-ethylhexyl)phtha...	20.992	149	1450622	42.59	ng		100
85) Di-n-octyl phthalate	21.851	149	2450650	39.38	ng		99
87) Indeno(1,2,3-cd)pyrene	25.492	276	2218331	37.90	ng		97
88) Benzo(b)fluoranthene	22.604	252	2034172	41.72	ng		99
89) Benzo(k)fluoranthene	22.645	252	1986148	42.50	ng		99
90) Benzo(a)pyrene	23.163	252	1798941	39.13	ng		99
91) Dibenzo(a,h)anthracene	25.498	278	1841006	38.12	ng		98
92) Benzo(g,h,i)perylene	26.168	276	1901171	39.43	ng		97

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

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