Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
Data File : BP003323.D
Acq On : 18 Sep 2020 15:59
Operator : CG/JU
Sample : L4059-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAV-B33-091720-10-19MS

Manual Integrations APPROVED
mohammad
9/21/2020 10:35:38 AM

Quant Time: Sep 18 18:57:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 14:13:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.599	152	158187	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	644921	20.00	ng		# 0.00
39) Acenaphthene-d10	14.251	164	392086	20.00	ng		0.00
64) Phenanthrene-d10	17.004	188	834898	20.00	ng		0.00
76) Chrysene-d12	21.110	240	790750	20.00	ng		0.00
86) Perylene-d12	23.315	264	740922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	1166314	128.74	ng		0.00
7) Phenol-d6	6.805	99	1476262	122.26	ng		0.01
23) Nitrobenzene-d5	8.752	82	942931	85.90	ng		0.00
42) 2,4,6-Tribromophenol	15.751	330	631997	105.68	ng		0.00
45) 2-Fluorobiphenyl	12.869	172	2141282	79.87	ng		0.00
79) Terphenyl-d14	19.586	244	2889235	76.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.134	88	141806	38.09	ng		98
3) Pyridine	3.517	79	400799	40.43	ng		93
4) n-Nitrosodimethylamine	3.434	42	137452	46.36	ng		97
6) Aniline	6.934	93	517916	37.35	ng		97
8) 2-Chlorophenol	7.175	128	508678	50.41	ng		94
9) Benzaldehyde	6.740	77	178574	26.52	ng		89
10) Phenol	6.828	94	618766	53.65	ng		94
11) bis(2-Chloroethyl)ether	7.034	93	452623	49.52	ng		99
12) 1,3-Dichlorobenzene	7.487	146	532997	44.18	ng	#	95
13) 1,4-Dichlorobenzene	7.634	146	536883	44.00	ng		96
14) 1,2-Dichlorobenzene	7.946	146	514539	43.93	ng		97
15) Benzyl Alcohol	7.846	79	426941	53.20	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.140	45	329870	49.64	ng		92
17) 2-Methylphenol	8.063	107	422486	50.66	ng		97
18) Hexachloroethane	8.669	117	197971	43.54	ng		99
19) n-Nitroso-di-n-propyla...	8.410	70	302115	46.70	ng		96
20) 3+4-Methylphenols	8.393	107	563979	50.81	ng		95
22) Acetophenone	8.416	105	694943	43.88	ng	#	96
24) Nitrobenzene	8.793	77	507526	46.20	ng		89
25) Isophorone	9.316	82	938109	46.63	ng		94
26) 2-Nitrophenol	9.499	139	280811	46.81	ng	#	85
27) 2,4-Dimethylphenol	9.581	122	464787	54.78	ng		94
28) bis(2-Chloroethoxy)met...	9.804	93	596541	44.55	ng		99
29) 2,4-Dichlorophenol	10.046	162	484830	45.73	ng		96
30) 1,2,4-Trichlorobenzene	10.251	180	509244	40.49	ng		100
31) Naphthalene	10.428	128	1486447	43.63	ng		99
32) Benzoic acid	9.787	122	297282	48.78	ng		83
33) 4-Chloroaniline	10.546	127	207935	14.37	ng	#	95
34) Hexachlorobutadiene	10.722	225	325103	37.86	ng		98
35) Caprolactam	11.328	113	160242m	45.29	ng		
36) 4-Chloro-3-methylphenol	11.698	107	516027	45.14	ng		89
37) 2-Methylnaphthalene	12.051	142	1057049	42.83	ng		97
38) 1-Methylnaphthalene	12.275	142	987239	42.13	ng		99
40) 1,2,4,5-Tetrachloroben...	12.434	216	563792	43.92	ng		98
41) Hexachlorocyclopentadiene	12.416	237	477156	94.35	ng		100
43) 2,4,6-Trichlorophenol	12.681	196	381592	45.98	ng		100
44) 2,4,5-Trichlorophenol	12.763	196	407595	47.74	ng	#	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.075	154	1330517	45.50	ng		98
47) 2-Chloronaphthalene	13.116	162	1039714	42.94	ng		97
48) 2-Nitroaniline	13.328	65	271482	44.30	ng	#	79
49) Acenaphthylene	13.969	152	1645023	44.46	ng		99
50) Dimethylphthalate	13.722	163	1623044	51.84	ng		99
51) 2,6-Dinitrotoluene	13.834	165	300149	44.72	ng	#	87
52) Acenaphthene	14.316	154	974514	43.28	ng		99
53) 3-Nitroaniline	14.163	138	177100	24.35	ng	#	82
54) 2,4-Dinitrophenol	14.381	184	308572	95.61	ng	#	89
55) Dibenzofuran	14.651	168	1544235	42.97	ng		96
56) 4-Nitrophenol	14.504	139	478854	107.74	ng	#	77
57) 2,4-Dinitrotoluene	14.628	165	410937	44.15	ng	#	82
58) Fluorene	15.304	166	1197156	42.18	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	356141	44.36	ng		99
60) Diethylphthalate	15.092	149	1361489	42.63	ng		100
61) 4-Chlorophenyl-phenyle...	15.298	204	625635	40.37	ng		97
62) 4-Nitroaniline	15.334	138	280246	36.31	ng		79
63) Azobenzene	15.598	77	1113959	45.76	ng		93
65) 4,6-Dinitro-2-methylph...	15.404	198	229422	52.07	ng		97
66) n-Nitrosodiphenylamine	15.522	169	1106954	45.14	ng		100
67) 4-Bromophenyl-phenylether	16.198	248	424215	42.04	ng		96
68) Hexachlorobenzene	16.322	284	482733	40.26	ng		97
69) Atrazine	16.481	200	314492	32.69	ng		99
70) Pentachlorophenol	16.669	266	526539	100.43	ng		99
71) Phenanthrene	17.045	178	1979046	43.57	ng		99
72) Anthracene	17.139	178	2011404	44.93	ng		100
73) Carbazole	17.410	167	1846163	43.42	ng		99
74) Di-n-butylphthalate	17.980	149	2339032	43.03	ng	#	99
75) Fluoranthene	19.027	202	2398441	41.99	ng		99
77) Benzidine	19.210	184	943673	38.49	ng		99
78) Pyrene	19.380	202	2441523	49.51	ng		100
80) Butylbenzylphthalate	20.263	149	1070387	47.44	ng		89
81) Benzo(a)anthracene	21.092	228	2282906	44.66	ng		100
82) 3,3'-Dichlorobenzidine	21.021	252	681717	34.51	ng		99
83) Chrysene	21.145	228	2164486	44.07	ng		100
84) Bis(2-ethylhexyl)phtha...	21.033	149	1472595	46.36	ng		100
85) Di-n-octyl phthalate	21.892	149	2656127	45.76	ng		98
87) Indeno(1,2,3-cd)pyrene	25.580	276	2298205	40.92	ng		98
88) Benzo(b)fluoranthene	22.657	252	2289581	48.94	ng		99
89) Benzo(k)fluoranthene	22.698	252	2040313	45.50	ng		99
90) Benzo(a)pyrene	23.227	252	1930002	43.75	ng		99
91) Dibenzo(a,h)anthracene	25.586	278	1915447	41.33	ng		98
92) Benzo(g,h,i)perylene	26.262	276	1944280	42.02	ng		97

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

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