Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092420\
Data File : BP003371.D
Acq On : 24 Sep 2020 16:18
Operator : CG/JU
Sample : L4112-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : KTS-SB-0102-0-92MS

Quant Time: Sep 24 18:31:08 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	135389	20.00	ng		0.00
21) Naphthalene-d8	10.340	136	578693	20.00	ng		# 0.00
39) Acenaphthene-d10	14.216	164	371313	20.00	ng		0.00
64) Phenanthrene-d10	16.969	188	798485	20.00	ng		# 0.00
76) Chrysene-d12	21.068	240	804469	20.00	ng		0.00
86) Perylene-d12	23.262	264	936905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	1105059	142.52	ng		0.00
7) Phenol-d6	6.769	99	1445326	139.85	ng		0.00
23) Nitrobenzene-d5	8.716	82	927570	94.17	ng		0.00
42) 2,4,6-Tribromophenol	15.716	330	601459	106.20	ng		0.00
45) 2-Fluorobiphenyl	12.834	172	2029375	79.93	ng		0.00
79) Terphenyl-d14	19.551	244	2746458	71.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	113779	35.71	ng		99
3) Pyridine	3.469	79	332914	39.24	ng		92
4) n-Nitrosodimethylamine	3.387	42	112711	44.41	ng		98
6) Aniline	6.893	93	370306	31.20	ng		95
8) 2-Chlorophenol	7.140	128	421030	48.75	ng		92
9) Benzaldehyde	6.705	77	125075	21.70	ng		86
10) Phenol	6.793	94	537684	54.47	ng		92
11) bis(2-Chloroethyl)ether	6.993	93	374942	47.93	ng		97
12) 1,3-Dichlorobenzene	7.452	146	416958	40.39	ng	#	95
13) 1,4-Dichlorobenzene	7.599	146	426019	40.79	ng		95
14) 1,2-Dichlorobenzene	7.910	146	412124	41.11	ng		96
15) Benzyl Alcohol	7.810	79	374363	54.51	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.099	45	277201	48.73	ng		93
17) 2-Methylphenol	8.028	107	366060	51.28	ng		96
18) Hexachloroethane	8.634	117	158174	40.64	ng		96
19) n-Nitroso-di-n-propyla...	8.375	70	266101	48.06	ng		95
20) 3+4-Methylphenols	8.357	107	488667	51.44	ng		95
22) Acetophenone	8.381	105	593710	41.78	ng	#	96
24) Nitrobenzene	8.757	77	436813	44.32	ng	#	86
25) Isophorone	9.281	82	825259	45.71	ng	#	92
26) 2-Nitrophenol	9.463	139	233496	43.38	ng	#	83
27) 2,4-Dimethylphenol	9.546	122	397643	52.23	ng		92
28) bis(2-Chloroethoxy)met...	9.763	93	515108	42.87	ng		99
29) 2,4-Dichlorophenol	10.010	162	410311	43.13	ng		95
30) 1,2,4-Trichlorobenzene	10.210	180	410240	36.35	ng		99
31) Naphthalene	10.393	128	1255687	41.08	ng		99
32) Benzoic acid	9.751	122	229358	43.23	ng	#	83
33) 4-Chloroaniline	10.510	127	220584	16.99	ng	#	95
34) Hexachlorobutadiene	10.687	225	252177	32.73	ng		98
35) Caprolactam	11.292	113	145470	45.82	ng		91
36) 4-Chloro-3-methylphenol	11.669	107	461637	45.01	ng		91
37) 2-Methylnaphthalene	12.016	142	908474	41.02	ng		97
38) 1-Methylnaphthalene	12.234	142	850277	40.44	ng		99
40) 1,2,4,5-Tetrachloroben...	12.398	216	465569	38.30	ng		99
41) Hexachlorocyclopentadiene	12.375	237	301870	72.51	ng		100
43) 2,4,6-Trichlorophenol	12.645	196	323108	41.11	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	343631	42.50	ng	#	95
46) 1,1'-Biphenyl	13.045	154	1147822	41.45	ng		98
47) 2-Chloronaphthalene	13.081	162	888918	38.76	ng		96
48) 2-Nitroaniline	13.292	65	258076	44.47	ng	#	77
49) Acenaphthylene	13.934	152	1435507	40.97	ng		99
50) Dimethylphthalate	13.686	163	1373351	46.32	ng		99
51) 2,6-Dinitrotoluene	13.798	165	264259	41.58	ng	#	78
52) Acenaphthene	14.281	154	844658	39.61	ng		100
53) 3-Nitroaniline	14.128	138	153122	22.23	ng	#	77
54) 2,4-Dinitrophenol	14.351	184	230714	77.01	ng	#	87
55) Dibenzofuran	14.616	168	1349509	39.65	ng		95
56) 4-Nitrophenol	14.481	139	407334	96.77	ng	#	76
57) 2,4-Dinitrotoluene	14.598	165	362828	41.16	ng	#	77
58) Fluorene	15.269	166	1065068	39.62	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.857	232	302676	39.81	ng		98
60) Diethylphthalate	15.057	149	1179010	38.98	ng		100
61) 4-Chlorophenyl-phenyle...	15.269	204	542616	36.98	ng		99
62) 4-Nitroaniline	15.298	138	260955	35.70	ng		79
63) Azobenzene	15.563	77	1025433	44.48	ng		92
65) 4,6-Dinitro-2-methylph...	15.375	198	183759	43.61	ng		93
66) n-Nitrosodiphenylamine	15.486	169	975138	41.58	ng		99
67) 4-Bromophenyl-phenylether	16.163	248	361127	37.42	ng		96
68) Hexachlorobenzene	16.286	284	410108	35.77	ng		95
69) Atrazine	16.445	200	275255	29.92	ng		99
70) Pentachlorophenol	16.639	266	412819	83.55	ng		99
71) Phenanthrene	17.010	178	1768712	40.71	ng		99
72) Anthracene	17.104	178	1789943	41.81	ng		100
73) Carbazole	17.375	167	1662601	40.88	ng		99
74) Di-n-butylphthalate	17.945	149	2019581	38.85	ng	#	99
75) Fluoranthene	18.998	202	2154040	39.43	ng		99
77) Benzidine	19.174	184	855407	34.29	ng		99
78) Pyrene	19.345	202	2194620	43.74	ng		99
80) Butylbenzylphthalate	20.227	149	951034	41.43	ng		89
81) Benzo(a)anthracene	21.057	228	2167758	41.68	ng		100
82) 3,3'-Dichlorobenzidine	20.986	252	564953	28.11	ng		99
83) Chrysene	21.110	228	2041846	40.87	ng		99
84) Bis(2-ethylhexyl)phtha...	20.992	149	1329841	41.15	ng		100
85) Di-n-octyl phthalate	21.851	149	2461153	41.68	ng		98
87) Indeno(1,2,3-cd)pyrene	25.503	276	2794518	39.35	ng		98
88) Benzo(b)fluoranthene	22.610	252	2491502	42.11	ng		99
89) Benzo(k)fluoranthene	22.651	252	2285395	40.30	ng		99
90) Benzo(a)pyrene	23.168	252	2247891	40.29	ng		99
91) Dibenzo(a,h)anthracene	25.503	278	2302593	39.29	ng		99
92) Benzo(g,h,i)perylene	26.174	276	2320753	39.67	ng		99

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

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