Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003302.D
Acq On : 16 Sep 2020 15:19
Operator : CG/JU
Sample : L4021-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B15A-5-7MS

Quant Time: Sep 16 16:11:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:18:39 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.616	152	114553	20.00	ng		0.00
21) Naphthalene-d8	10.393	136	418770	20.00	ng		# 0.00
39) Acenaphthene-d10	14.263	164	228871	20.00	ng		0.00
64) Phenanthrene-d10	17.016	188	430169	20.00	ng		0.00
76) Chrysene-d12	21.110	240	360279	20.00	ng		0.00
86) Perylene-d12	23.321	264	411894	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	628226	95.76	ng		0.00
7) Phenol-d6	6.810	99	773384	88.44	ng		0.00
23) Nitrobenzene-d5	8.763	82	520441	73.01	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	261273	74.85	ng		0.00
45) 2-Fluorobiphenyl	12.881	172	1149045	73.43	ng		0.00
79) Terphenyl-d14	19.592	244	1240879	71.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	117247	43.49	ng		98
3) Pyridine	3.540	79	301374	41.98	ng		92
4) n-Nitrosodimethylamine	3.458	42	103045	47.99	ng		96
6) Aniline	6.946	93	320950	31.96	ng		95
8) 2-Chlorophenol	7.187	128	338738	46.36	ng		93
9) Benzaldehyde	6.758	77	137040	28.10	ng		90
10) Phenol	6.840	94	417737	50.01	ng		91
11) bis(2-Chloroethyl)ether	7.046	93	305541	46.16	ng		98
12) 1,3-Dichlorobenzene	7.505	146	394897	45.21	ng	#	95
13) 1,4-Dichlorobenzene	7.652	146	396066	44.82	ng		96
14) 1,2-Dichlorobenzene	7.963	146	380720	44.88	ng		97
15) Benzyl Alcohol	7.857	79	271921	46.79	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.152	45	216343	44.95	ng		89
17) 2-Methylphenol	8.075	107	270450	44.78	ng		96
18) Hexachloroethane	8.687	117	146606	44.52	ng		99
19) n-Nitroso-di-n-propyla...	8.422	70	191638	40.91	ng		97
20) 3+4-Methylphenols	8.404	107	347958	43.29	ng		96
22) Acetophenone	8.434	105	456703	44.41	ng	#	96
24) Nitrobenzene	8.804	77	329694	46.22	ng		89
25) Isophorone	9.334	82	588532	45.05	ng		94
26) 2-Nitrophenol	9.516	139	184240	47.30	ng	#	86
27) 2,4-Dimethylphenol	9.593	122	277605	50.39	ng		92
28) bis(2-Chloroethoxy)met...	9.816	93	378140	43.49	ng		97
29) 2,4-Dichlorophenol	10.063	162	305452	44.37	ng		96
30) 1,2,4-Trichlorobenzene	10.263	180	354979	43.46	ng		100
31) Naphthalene	10.446	128	989790	44.74	ng		99
32) Benzoic acid	9.769	122	158726	41.74	ng		83
33) 4-Chloroaniline	10.563	127	147145	15.66	ng	#	94
34) Hexachlorobutadiene	10.740	225	235745	42.28	ng		100
35) Caprolactam	11.322	113	85921	37.40	ng		92
36) 4-Chloro-3-methylphenol	11.710	107	300607	40.50	ng		92
37) 2-Methylnaphthalene	12.069	142	683102	42.62	ng		97
38) 1-Methylnaphthalene	12.287	142	629689	41.38	ng		100
40) 1,2,4,5-Tetrachloroben...	12.445	216	372450	49.70	ng		99
41) Hexachlorocyclopentadiene	12.428	237	338869	106.95	ng		100
43) 2,4,6-Trichlorophenol	12.692	196	230101	47.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.775	196	238817	47.92	ng	#	96
46) 1,1'-Biphenyl	13.092	154	831425	48.71	ng		98
47) 2-Chloronaphthalene	13.128	162	649848	45.97	ng		97
48) 2-Nitroaniline	13.340	65	151115	42.24	ng	#	80
49) Acenaphthylene	13.981	152	995067	46.07	ng		99
50) Dimethylphthalate	13.728	163	865996	47.38	ng		99
51) 2,6-Dinitrotoluene	13.839	165	171722	43.84	ng	#	84
52) Acenaphthene	14.328	154	593766	45.18	ng		99
53) 3-Nitroaniline	14.169	138	91545	21.56	ng		84
54) 2,4-Dinitrophenol	14.392	184	140832	76.34	ng	#	93
55) Dibenzofuran	14.663	168	936060	44.62	ng		96
56) 4-Nitrophenol	14.510	139	236809	91.27	ng		77
57) 2,4-Dinitrotoluene	14.639	165	223939	41.22	ng	#	83
58) Fluorene	15.316	166	697449	42.09	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.904	232	199027	42.47	ng		98
60) Diethylphthalate	15.098	149	745765	40.01	ng		100
61) 4-Chlorophenyl-phenyle...	15.316	204	370624	40.97	ng		99
62) 4-Nitroaniline	15.339	138	144765	32.13	ng	#	78
63) Azobenzene	15.604	77	618128	43.50	ng		93
65) 4,6-Dinitro-2-methylph...	15.410	198	112194	49.43	ng		97
66) n-Nitrosodiphenylamine	15.528	169	628551	49.74	ng		100
67) 4-Bromophenyl-phenylether	16.210	248	242314	46.60	ng		96
68) Hexachlorobenzene	16.333	284	278300	45.05	ng		98
69) Atrazine	16.492	200	162219	32.73	ng		99
70) Pentachlorophenol	16.681	266	246146	91.75	ng		99
71) Phenanthrene	17.057	178	1073541	45.87	ng		99
72) Anthracene	17.151	178	1091051	47.30	ng		99
73) Carbazole	17.422	167	935643	42.71	ng		99
74) Di-n-butylphthalate	17.992	149	1163054	41.52	ng		99
75) Fluoranthene	19.039	202	1186268	40.31	ng		99
77) Benzidine	19.222	184	404566	36.21	ng		99
78) Pyrene	19.386	202	1199017	53.36	ng		100
80) Butylbenzylphthalate	20.269	149	465208	45.26	ng		90
81) Benzo(a)anthracene	21.092	228	1074917	46.15	ng		99
82) 3,3'-Dichlorobenzidine	21.027	252	340947	37.88	ng		99
83) Chrysene	21.145	228	1038414	46.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.033	149	654900	45.25	ng		98
85) Di-n-octyl phthalate	21.898	149	1114759	42.16	ng		99
87) Indeno(1,2,3-cd)pyrene	25.580	276	1655627	53.03	ng		98
88) Benzo(b)fluoranthene	22.657	252	1184651	45.55	ng		100
89) Benzo(k)fluoranthene	22.704	252	1140557	45.75	ng		99
90) Benzo(a)pyrene	23.227	252	1101348	44.90	ng		99
91) Dibenzo(a,h)anthracene	25.592	278	1369980	53.18	ng		98
92) Benzo(g,h,i)perylene	26.274	276	1451694	56.44	ng		97

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

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